

THE *Canadian Hospital*

A Monthly Journal for Hospital Executives



Toronto, Can.

The Edwards Publishing Company

April, 1929

The Makers of
D & G Sutures

announce
an educational

Motion Picture

Complete announcement
in this issue

(SEE DAVIS & GECK INSERT)

ANNUAL DIRECTORY AND REVIEW NUMBER

*Keep this Copy for Reference Purposes
when Buying Equipment and Supplies*

Patient Types . . .

The Elderly Patient

It is often a task to keep an elderly patient in active service. Constipation may be the borderline between invalidism and good health. Cathartics are particularly harmful in such a case but Petrolagar and "Habit Time" will help the senile bowel to normal function.

Petrolagar is composed of 65% (by volume) mineral oil with the indigestible emulsifying agent, agar-agar.

Petrolagar



Write for information about
the Petrolagar Hospital Dis-
pensing Unit for hospital
dispensing only

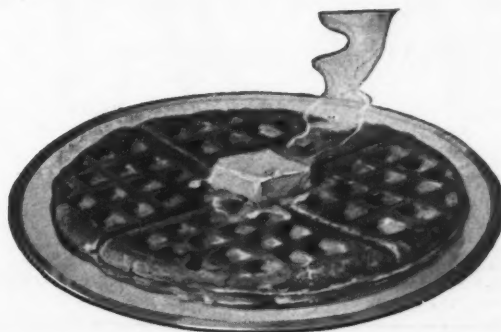
Desbelle Laboratories of Canada, Ltd.,
245 Carlaw Avenue,
Toronto, Ont. Dept. C.H.
Gentlemen: — Send me copy of "HABIT TIME"
(of bowel movement) and specimens of Petrolagar.

Name

Address

Please refer to THE CANADIAN HOSPITAL when writing

For people who *persist* in eating hot breads



EVERY physician knows what a temptation waffles, muffins and pancakes are to Canadians. Yet countless people often pay the penalty of constipation by eating these bulkless foods.

However, these popular hot breads can be eaten in moderation by all if ALL-BRAN is included in the batter. Because ALL-BRAN is 100% bran, the necessary roughage is eaten to promote natural, healthful elimination.

Many physicians depend upon and recommend ALL-BRAN. For

unlike laxatives it affords permanent instead of temporary relief.

ALL-BRAN served with milk or cream, with fruit or honey added, is a delicious cereal. It is also tasteful when sprinkled on other cereals, into soups, or as an ingredient for making waffles, muffins and puddings.

Made by Kellogg in London, Ontario. Sold by all grocers. Served everywhere. A full-sized package of ALL-BRAN will be mailed free to any doctor upon request.

Kellogg's

ALL-BRAN



Please refer to THE CANADIAN HOSPITAL when writing

OUTSTANDING APPROVED SPECIALTIES**UROPAZINE SPARTOL****Granulated**

Piperazin, Helmitol, Urotropin, Lithia and Soda Benzoate. The most active dissolvant of uric acid, unfailing success against Arthritism, Cystitis, Gout, Gravel, Rheumatism. Three to six teaspoonfuls a day dissolved in water.

CHOAY**Simple and Associated Total Gland Extracts**

Total extracts of selected fresh organs dried under high vacuum at very low temperature and associated in formulae. Used against the more general pluriglandular syndromes in opotherapeutic medication and any deficiency of the organs. Four to twelve tablets a day as determined by attendant physician.

INTRAIT OF HORSE CHESTNUT**Solution**

Stabilized Intrait containing the Saponoids of Aesculus Hippocastanum L. in a state of purity. Vaso-Constrictor of the veins. Against hemorrhoids, varicose veins, phlebitis, etc. About five to ten drops morning and night.

PEPTALMINE**Sugared Pills and Granulated**

Peptones of meat and fish with extracts of eggs and milk, also with magnesia. Urticaria, Strophulus, Prurigo, Eczema, Digestive Troubles, Migraines, Diarrhea. Two tablets one hour before meals, or two teaspoonfuls of granule one hour before meals. Children half dose.

Samples and literature gladly supplied in any quantities by the exclusive Canadian Representatives

Herdt & Charton, Inc., 207 McGill College Ave., Montreal

in cystitis and pyelitis

TRADE

PYRIDIDIUM

MARK

Phenyl-azo-alpha-alpha-diamino-pyridine hydrochloride

(Manufactured by The Pyridium Corp.)

*For oral administration in the specific treatment
of genito-urinary and gynecological affections*

Sole distributors in Canada

MERCK & CO. Limited**Montreal**

412 St. Sulpice St.

Please refer to THE CANADIAN HOSPITAL when writing

ALWAYS THE SAME

THERE is only one "Lysol" Disinfectant.

There is only one quality—the best. Substitutes do not meet the strict standards set by "Lysol" Disinfectant, which can be obtained in bulk only from us.

Because we buy cresol in such large quantities we are able to demand and secure the highest quality—and refuse to accept anything but the best. Furthermore, the skill of chemist-specialists in the field insures to "Lysol" Disinfectant the absolute uniformity, the complete solubility and the neutrality which a disinfectant must have to be at all times reliable.

Refuse to expose your institution to the dangers involved in using an inferior disinfectant. Insist on "Lysol" Disinfectant—the standard for nearly 40 years.

Lysol
Disinfectant

TRADE MARK
"LYSOL"
REGISTERED
IN CANADA

Manufactured in Canada by LYSOL (CANADA) LIMITED. Distributed by Lehn & Fink (Canada), Limited, 9 Davies Avenue, Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

OLD HEATING METHODS *and* MODERN EFFICIENCY *DON'T MIX*

HAS it ever occurred to you just WHY the once popular "furnace discussion" that always popped up when men got together has died a sudden death?

No one likes to admit himself behind the times. Even the user of a "Blower" system knows he has not identified himself with the spirit of progress. A coal furnace must be fed. Ashes have to be carted away.

Victorian heating methods and modern efficiency . . . don't MIX! The age of oil heating is fully established.

No institution . . . least of all a great *scientific institution* . . . can afford to be without a modern oil heating system.

Fess are specialists in the oil heating world. They are the largest builders of oil heating equipment in the Empire. They have installed more oil heating systems in Canadian homes . . . hospitals . . . churches, etc., than all other manufacturers engaged in the same line.

Wherever there is heating to be done, they may be freely consulted without obligation.

FESS OIL BURNERS OF CANADA, LIMITED
TORONTO WINNIPEG MONTREAL

FESS



Automatic OIL HEATING

Please refer to THE CANADIAN HOSPITAL when writing

MEALS... *on time*

The food is prepared and ready to serve. Trays move quickly to the different floors. Soiled dishes are returned rapidly to the washing machines.

Hospitals that have adopted Subveyors, the modern electrical two-way elevators for transportation of trays, find it easy to serve meals on time. They have learned that this equipment eliminates meal time confusion by providing a definite, speedy service route . . . that it reduces breakage losses by smooth, efficient handling of china and glassware.

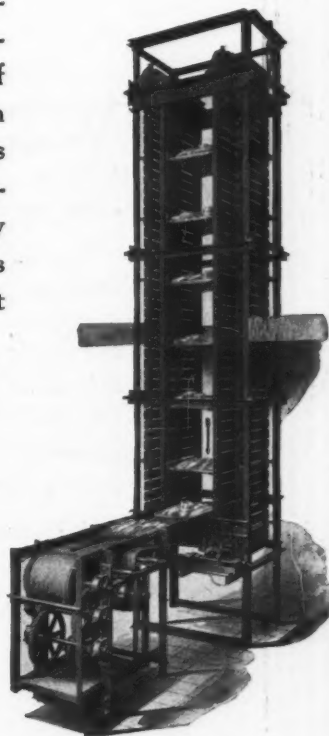
The Subveyor

An automatic elevator for carrying trays of food from kitchen to floors above. Can also be reversed to lower trays of soiled dishes. Built to serve any number of floors desired.

Made in Canada and licensed under Canadian patents Number 218,959, dated May 23, 1922 and Number 212,768, dated August 2, 1922. We are licensed exclusively to manufacture Subveyors in Canada by the patentees.

Consider what a Subveyor would accomplish in your hospital. Then learn definitely just how economical an installation to fit your needs really is. A Mathews engineer will gladly call at your request and supply full particulars.

MATHEWS CONVEYER COMPANY, LTD.
PORT HOPE :: :: ONTARIO



MATHEWS

CONVEYER SYSTEMS

Please refer to THE CANADIAN HOSPITAL when writing

THE KNY-SCHEERER CORPORATION
*Announces the opening of its new and
complete showrooms, at 233 Spring Street,
New York City*

Where a representative line of surgical instruments, sterilizers, hospital furniture and sundries are on display.

WE extend to you a cordial invitation to visit this interesting exhibit of America's leading producer and distributor of surgical instruments, sterilizing apparatus, and other necessary hospital equipment.

Kny-Scheerer Corporation have a staff of competent engineers and skilled technicians always willing to serve you. The management will maintain the excellent reputation for fair dealing and high quality products built up by the Kny-Scheerer Corporation during the last forty years. With vast financial resources at its command, it has added to its organization and will be in position to give greater service to its growing clientele.

A Department of Natural Science, under the direction of Dr. Lagai, is maintained at 10 West 25th Street, New York City.

All inquiries will receive prompt and courteous attention.



KNY-SCHEERER CORPORATION
233 SPRING STREET, NEW YORK CITY

..... **DIVISION OF**
VADSCO SALES CORPORATION

ALWAYS AT YOUR SERVICE

Please refer to THE CANADIAN HOSPITAL when writing



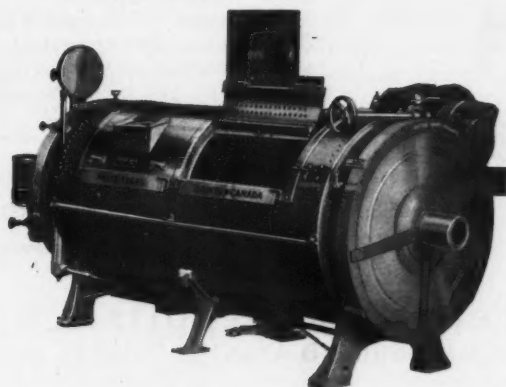
Q To enable you to answer these questions for yourself, we will mail you, on request, a small sample of *Buck Ultra-Visible Fluoroscopic Screen*, and you can then be your own judge.

PRINTED IN U. S. A.



Our Latest Production

MONEL DE LUXE WASHER



*Especially adapted to efficient
operation in the hospital*

Motor driven with single control, push button starter. Dimensions 42"X84". This washer has all the latest devices and will give the best possible service at a minimum cost of operation.



DRY ROOM TUMBLER

EXTRACTOR

WASHER

No. 3 Unit for Small Hospitals and Institutions

WRITE FOR COMPLETE PARTICULARS AND PRICES

MEYER BROS. LAUNDRY MACHINERY CO.

SUCCESSORS TO MEYER BROS.

ESTABLISHED 1884

101 QUEEN STREET EAST

TORONTO, CANADA

We handle a complete line of Supplies for the Laundry

Please refer to THE CANADIAN HOSPITAL when writing



McKesson Lovac

THE POST-OPERATIVE DRAINAGE PUMP

This is a new devise to drain pus, urine or other fluids from deep-seated cavities by suction. It may be employed with any ordinary drainage tubes, wicks or catheters.

It is an outfit the profession has needed to keep dressings dry after prostatectomies; for draining and exhausting pleural cavity in empyema; for drainage of gall bladders, pelvic abscesses and peritonitis, etc.

There is nothing like it on the market for efficiency, noiseless action and controllable degree of suction.

It comes complete as illustrated ready for use.

Write for information

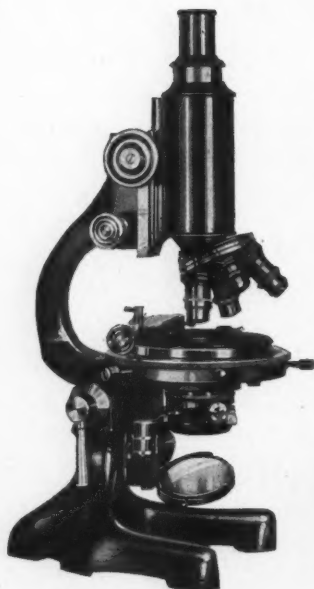
Toledo Technical Appliance Company

2226-36 ASHLAND AVENUE, TOLEDO, OHIO

Manufacturers of Gas-Oxygen Machines, the Metabolor and Surgical Pump

MICROSCOPES —

BY STEINDORFF



MICROSCOPE, Steindorff, Universal Model

Concentric and Rotating Stage


Graduated Mechanical Stage

Centreable Rack and Pinion Substage

Nosepiece.....	Quadruple
Objectives, Dry, equivalent focus mm.....	2, 4, 6 and 9
Objectives, Oil Immersion, equivalent focus mm.....	1. 8 and 2
Oculars, Periplanatic.....	8x, 10x, 15x, 20x and 25x
Micrometer Ocular.....	8x
Substage Condenser N. A.	1.40

WRITE FOR BULLETIN T206

CENTRAL SCIENTIFIC COMPANY OF CANADA, LIMITED

LABORATORY ^{TRADE MARK}  SUPPLIES
Apparatus ^{REGISTERED} Chemicals

119 YORK ST.

TORONTO 2

ONTARIO

Please refer to THE CANADIAN HOSPITAL when writing

Does Your Hospital Need Money?

Do you know that there is in existence an organized group of experts, under the leadership of the founder of the Intensive Campaign Method, who have raised *over a Billion Dollars for Philanthropic Institutions*, the largest number of which have been hospitals?

Dr. F. H. Pratten, Medical Superintendent of the Queen Alexandra Sanatorium, after using our service in raising the \$500,000 memorial to Sir Adam Beck, wrote as follows:

"I might say that before deciding to employ your firm, we made enquiries from a number of organizations for whom you had conducted similar campaigns, and received in all twenty-four most favorable replies. *We can now quite concur in their recommendation.*"

We have just completed our thirteenth campaign in the Dominion of Canada and, among others, are now busy with a \$3,000,000 campaign in Detroit for Grace Hospital and allied institutions; a \$1,500,000 campaign in Philadelphia for the Children's Hospital; a \$1,250,000 campaign in New Haven for Grace Hospital; and a \$150,000 campaign in Baltimore for the Eye, Ear and Throat Charity Hospital—the latter being our twenty-fifth campaign in this one city.

(Our Quarterly Bulletin, "Financing Social Progress," gives further details and will be sent upon request.)

Consultation without obligation.

WARD, WELLS & DRESHMAN

Philanthropic Organization and Finance

475 Fifth Avenue, New York City

Originators of the Intensive Method of Fund Raising

Please refer to THE CANADIAN HOSPITAL when writing

FOR THEIR SAFETY!



MASON SAFETY TREADS provide positive protection against all accidents caused by slipping and tripping in stairways.

DARLING BROTHERS, LIMITED
Montreal, Quebec



HALIFAX
QUEBEC
OTTAWA
TORONTO
WINDSOR
WINNIPEG

Darling
Brothers Limited
ENGINEERS - MANUFACTURERS - FOUNDERS

Head Office & Works: 120 Prince St.
MONTREAL
Canada

TIMMINS
KIRKLAND
LAKE
CALGARY
VANCOUVER
ST. JOHN'S, Nfld.

SLEEP

The Great Restorative

Every medical authority recognizes the importance of sound, drugless, relaxed sleep. That is why the Canadian Spring-Air Mattress has been so enthusiastically received by leading Canadian Hospitals.

Write to-day and let us send you a sample on approval. Judge for yourself the amazing comfort, sanitation, convenience and economy afforded by the



This Catch bed with its Canadian Spring-Air Mattress, proof of Spring-Air's yielding flexibility. In the same way Spring-Air takes the form of the body which lies upon it.



CANADIAN SPRING-AIR MATTRESS

Spring-Air Mattresses are now in use in the following Hospitals;

Toronto Western Hospital, Toronto
Hamilton General Hospital, Hamilton
Brantford General Hospital, Brantford
Charlotte Elenor Englehart Hospital, Petrolia
Mount Forest General Hospital, Mount Forest
Galt Hospital, Galt
General Hospital, Sault Ste. Marie

**The Canadian Feather & Mattress Co.
LIMITED**

Toronto - - - Ottawa

"We Keep Awake that Others May Sleep"

Please refer to THE CANADIAN HOSPITAL when writing

Columbia University Presbyterian Hospital



World's Largest Hospital is Equipped with "Wear-Ever"

"WEAR-EVER" Aluminum Cooking Utensils, the choice of modern hospitals and institutions, have been selected as standard kitchen equipment in the \$18,000,000 Columbia University—Presbyterian Hospital, known throughout the medical profession as the "New York Medical Center" . . . largest institution of its kind in the world.

Selection of "Wear-Ever" is another distinctive tribute to "Wear-Ever" efficiency, long-life and economy—three qualities in cooking utensils best reflected by "Wear-Ever".

Careful preparation of foods and retention of their essential elements is a vital factor in the modern hospital. Choice of "Wear-Ever" by the Medical Center confirms the judgment of other eminent authorities who have proclaimed "Wear-Ever" the ideal kitchen equipment.

Write us regarding the installation of "Wear-Ever" in your institution.

ALUMINIUM (VI) LIMITED
MONTREAL TORONTO

"Wear-Ever"

Aluminum Kitchen Ware

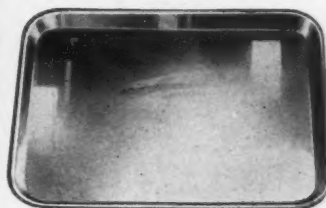


"Wear-Ever" ALUMINUM Stock Pots



Shallow Stock Pot
Ten sizes, from 2½ to 60-Quarts. Also Deep Stock Pots and Deep and Shallow Stock Pots, all sizes, with spigots, strainers and covers.

"Wear-Ever" ALUMINUM Trays



*Rectangular, Oval or Round.
Many Sizes.*

*There's a "Wear-Ever" Tray
for Every Hospital Purpose*

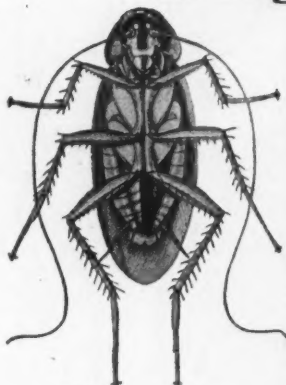
"Wear-Ever" ALUMINUM Steam Jacketed Kettles



Type No. 3
Made in seventeen sizes,
from 5-gallon to 300-gallon
capacity.

Please refer to THE CANADIAN HOSPITAL when writing

Go into Your Kitchens at Night



Tell us how to get rid of them. Check (x) here ()
Give No. of square feet

Return Card to us.

THAT'S THE TIME to see for yourself that the odd cockroach found in daylight has increased a hundred-fold. Dirty — unsanitary — a menace to health. Get rid of them absolutely by the safe, sure and quick way of **Mort-a-Roach**. Just check (x) in square below, return to us and an expert will advise you promptly of correct method and low cost of extermination.

**The Associated Chemical Co.
of Canada Limited**

1264 Queen Street West
Toronto

4 Dollard Lane
Montreal

When ordering from your suppliers
specify

"MAPLE LEAF"
(BRAND)

ALCOHOL

For Every Hospital Use

HIGHEST QUALITY BEST SERVICE

Medicinal Spirits	Rubbing Alcohol
Iodine Solution	Denatured Alcohol
Absolute Ethyl B.P.	Anti-Freeze Alcohol

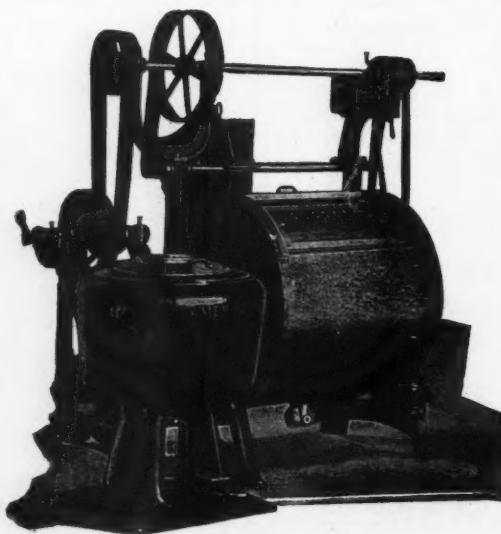
Sold by all leading Hospital Supply Houses



A Technical Service Division is ready at all times to co-operate for the production of Alcohols best suited to your requirements.

**CANADIAN INDUSTRIAL ALCOHOL
COMPANY : : LIMITED**
Montreal Toronto Corbyville Winnipeg Vancouver

The Canadian Group No. 1



The Canadian Laundry Machinery Company Limited, represents the very highest achievement in the development of the Laundry Industry.

Permanent Service is assured to our friends and customers.

Literature and our staff of specialists are at the disposal of Hospitals.

Headquarters for complete Laundry Equipment.

**The
CANADIAN LAUNDRY MACHINERY COMPANY LIMITED**

47-93 Sterling Road, TORONTO 3, Ont.

Please refer to THE CANADIAN HOSPITAL, when writing



In the Development of this Business —

Our first aim has been to produce the Best Hospital Apparel made in Canada.

Our second effort has been to sell it at a price making it the Best Value on the market.

Our third aim has been to carry on business in an honest and straightforward manner—

and

We Have Succeeded in All Three

We make the best Hospital Apparel

at

Prices Unexcelled Anywhere

and

We have never descended to manipulation of prices, or to illicit merchandising methods to procure business.

It has always been our endeavor that each and every transaction in this establishment shall procure new permanent patrons, or strengthen that mutual confidence already existing between our many customers and ourselves.

CORBETT-COWLEY

Limited

NOTE OUR NEW TORONTO ADDRESS

690 King St. W.
TORONTO

1032 St. Antoine St.
MONTREAL

Please refer to THE CANADIAN HOSPITAL when writing

HOSPITAL APPAREL

IN COTTON AND COTTON DRILLS OR DUCKS

DOCTORS' COATS AND PANTS
OPERATING SUITS
OPERATING GOWNS (SURGEONS' OR NURSES')
PATIENTS' BED GOWNS
ORDERLIES' SUITS
PNEUMONIA JACKETS
ETHER JACKETS
LETHOTOMY SHEETS
BATH ROBES
PATIENTS' WRAPPERS
MAIDS' UNIFORMS
PROBATIONERS' UNIFORMS
WARD HELPERS' UNIFORMS
OBSERVATION CAPES—ETC.—ETC.

IN FACT ANYTHING IN COTTON GOODS

A POST CARD ENQUIRY FOR PRICES OR PARTICULARS
WILL RECEIVE IMMEDIATE ATTENTION

MAKERS OF THE WELL KNOWN



WORN BY ALL WELL DRESSED NURSES FROM
COAST TO COAST

Made in Canada by

CORBETT-COWLEY
Limited

Quotations cheer-
fully submitted on
special apparel for
hospital use.

NOTE OUR NEW TORONTO ADDRESS
690 King St. W. 1032 St. Antoine St.
TORONTO MONTREAL

All garments un-
conditionally guar-
anteed, as to both
workmanship and
material.

Please refer to THE CANADIAN HOSPITAL when writing

An Unconditional Guarantee

Accompanies Every Garment We Manufacture, as to Both Workmanship and Material, and our Prices INCLUDE Government Sales Tax



Style No. 3700

SURGEON'S OPERATING GOWN

Bleached Sheeting
Special Price, \$17.00 doz.

Bleached Marble Head
\$21.00 doz.

If knitted cuffs required
add \$2.00 per dozen



Style No. 300

HOUSE DOCTOR'S COAT

Made of bleached drill, this coat is neat and serviceable. It has the lay-down collar, three pockets, detachable buttons and pointed cuff on sleeve.

Prices:
Coat \$28.00 doz.
Pants to match. \$26.50 doz.



Style No. 700

ORDERLY'S COAT

Made of good quality bleached duck, plain white or striped, medium high collar, three pockets, five detachable buttons, neat pointed cuff on sleeve.

Prices:
Plain white..... \$22.00 doz.
Striped..... \$23.00 doz.



Style No. 3200

NURSE'S OPERATING GOWN

Bleached Sheeting
Special Price, \$17.00 doz.

Bleached Marble Head
\$21.00 doz.

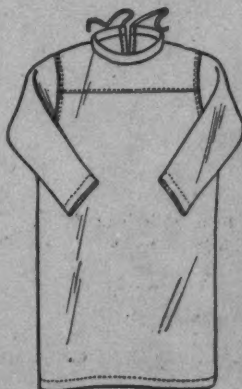
If knitted cuffs required
add \$2.00 per dozen



Style No. 9003

BIB APRON

Best Sheeting
\$1.50 each or 6 for \$8.50



Style No. 407

Samples on approval,
of any of our garments,
gladly sent
on request.

PATIENT'S BED GOWN

Standard length 40 inches,
opens down back, with linen
buttons, or tie tapes if
preferred, reinforced with
yoke both back and front.

Bleached Sheeting,
Special \$11.00 per doz.

Marble Head, unbleached
\$10.00 per doz.

Marble Head, bleached
\$14.50 per doz.

When ordering specify which
material you require



Style No. 9001

WAIST APRON

Best Sheeting
\$1.00 each or 6 for \$5.50

Made in Canada by
CORBETT-COWLEY
Limited

NOTE OUR NEW TORONTO ADDRESS
690 King St. W. 1032 St. Antoine St.
TORONTO MONTREAL

Please refer to THE CANADIAN HOSPITAL when writing

CNURSESC UNIFORMSC

of

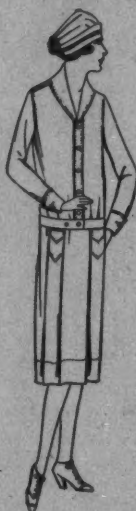
SMART CORLEY POPLIN

---the choice of the well-dressed nurse



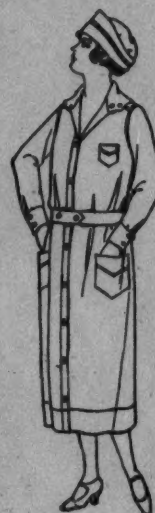
Style No. 8100

Corley Poplin is a special material made to our own specifications by one of the leading old country textile mills, which specializes in the weaving of the better grades of cloths made from the very finest of Egyptian long staple cotton yarns. It is bleached, mercerized and finished with that beautiful lustre which still remains after scores of washings—a finish that is known only to the English mills.

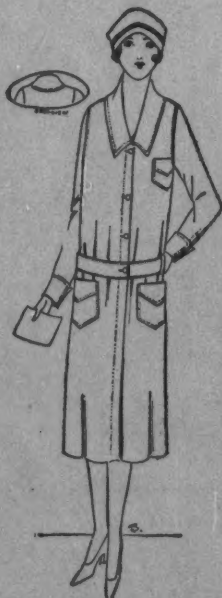


STYLE No. 8600

One-piece dress, closed from the waist down, "Tuxedo" collar. Shirt front, closing with detachable pearl buttons. Shirt cuffs closed with pearl cuff links. Two-button loose belt. Two knife pleats in each side of skirt. Six-inch shirt hem and full allowance made for shrinkage throughout.



Style No. 8400



Style No. 8300

Corley Poplin is much superior to any cloth used in the past for nurses' uniforms and is of much greater value than the poplin we have used in the past.

CORLEY POPLIN

\$6.50 Each or 3 for \$18.00

Best Quality Middy Twill @ \$3.50 each or 3 for \$10.00

Made in any of our regular styles; including Sales Tax and Postage Paid to your address when money order accompanies your order.

In ordering, give your Bust Measurement, Height and Weight

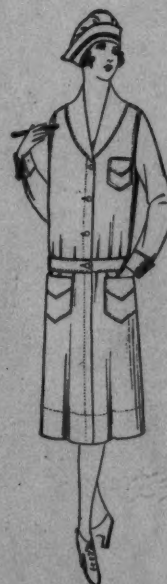
Made in Canada by

CORBETT-COWLEY Limited

NOTE OUR NEW TORONTO ADDRESS

690 King St. W.
TORONTO

1032 St. Antoine St.
MONTREAL



Style No. 8500

Please refer to THE CANADIAN HOSPITAL when writing





THE AUDIOMETER

"how does it measure acuity of hearing?"

IN the ordinary routine of otological examination, it is often no easy matter to determine the exact point which represents the peak of hearing acuity, or to express that point in definite percentage. Otologists concerned with these details have found quite definite advantages in the use of the Audiometer, recording in standard sensation units.

The procedure of measuring acuity of hearing with the Audiometer is this: A sound of definite pitch is lowered in intensity until the sound is barely perceptible to the patient.

That point, expressed in sensation units, is marked on the record chart called the Audiogram. The process is repeated at successive pitch points throughout the hearing range. A curve, drawn through these points on the Audiogram, gives a graphic record of the acuity of hearing, either as a whole or at any point.

AUDIOPHONES

ELECTRICAL STETHOSCOPES

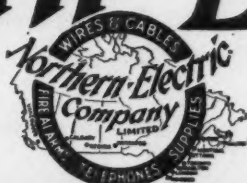
ARTIFICIAL LARYNXS

Write the Research Products Sales Department, 637 Craig St. West, Montreal, Que., for further data on the many advantages of these instruments.

Northern Electric

Saint John, N.B.
Halifax
Quebec
Montreal

Ottawa
Toronto
Hamilton



London
Windsor
New Liskeard
Winnipeg

Regina
Edmonton
Calgary
Vancouver

A National Electrical Service

Please refer to THE CANADIAN HOSPITAL when writing

To Staff Surgeons

CONTAMINATION IMPOSSIBLE!

Much has been said of the danger of pollution of water systems and contamination of sterilizers by a combination of rare, though possible, circumstances in a hospital. It is a satisfaction to those buying Castle Sterilizers to know that this situation has been met thoroughly by Castle engineers, again the first to find the way.

Castle Sterilizers are now doubly protected. They prevent any possible pollution of city water supply, and they themselves can not be contaminated by "backing up" of sewers.

Water Supply Protected

Water from Castle Sterilizers can not syphon back into the water supply should a valve leak or be left open. This is because the water inlet is well above the overflow level. With the old under-shot system a release of city water pressure might pull water from the sterilizers back into risers.

Castle Leads Again

The Castle Company was the first to solve the problem of water pollution and sterilizer contamination. This was a question that had been puzzling hospital executives and sanitary engineers until Castle found the answer early last summer.

Sterilizers Protected

Waste water or sewerage can not make its way into Castle Sterilizers under any possible conditions. A breaker or overflow vent prevents drain water from backing up into the tank under a back pressure. Either atmospheric or condenser vent is connected to the overflow pipe at the vent opening in the rear to carry off condensation.

CASTLE

WILMOT CASTLE COMPANY

1202 University Ave.

ROCHESTER, NEW YORK

Sterilizers for Hospitals, Physicians and Dentists

FOR DATA ON PREVENTION OF CONTAMINATION FILL IN AND MAIL TODAY

NAME.....ADDRESS.....

Please refer to THE CANADIAN HOSPITAL when writing

THE Canadian Hospital

Published in the interests of Hospital Executives

ISSUED ON THE FIFTH
OF EVERY MONTH BY

THE EDWARDS PUBLISHING COMPANY

454 KING STREET WEST
TORONTO 2 • CANADA

Member of Canadian Business Publishers' Association
C. A. EDWARDS, *Publisher* LOTUS FRENCH, *Editor*

Telephone
ADelaide 9634



Subscription Price
\$1.00 per Year

Vol. 6

APRIL, 1929

No. 4

OFFICIALS OF CANADIAN HOSPITAL ASSOCIATIONS

Alberta Hospital Association.

President, Dr. A. H. Baker, Central Alberta Sanitarium, Calgary.

Sec.-Treas., J. A. Montgomery, Edmonton.

British Columbia Hospitals Association.

President, J. H. McVety, Vancouver.

Secretary, E. S. Withers, Royal Columbian Hospital, New Westminster, B.C.

Manitoba Hospital Association.

President, Robert Darrach, Brandon.

Secretary, Dr. G. S. Williams, Children's Hospital, Winnipeg.

Maritime Catholic Hospital Association.

President, Sister M. Camillus, R. N., St. John Infirmary, St. John, N. B.

Secretary-Treasurer, Sister Monn, R. N., St. John Infirmary, St. John, N.B.

New Brunswick Hospital Association.

President, John A. Reid, Fredericton.

Sec.-Treas., Col. T. G. Loggie, Fredericton.

Ontario Hospital Association.

President, R. H. Cameron, Toronto.

Secretary, Dr. F. W. Routley, Ontario Division, Canadian Red Cross, Toronto.

Saskatchewan Hospital Association.

President, W. E. Stephenson, Moose Jaw.

Secretary, G. E. Patterson, Regina.



The Radio as a Valuable Therapeutic Agent

In a recent issue of THE CANADIAN HOSPITAL we included an article on the value of a library to a hospital; now comes the question of the value of the radio as a therapeutic agent. We believe that the arguments used in favour of the recreational value of books might also be used in favour of a similar value in radio broadcasts.

To quote from our recent article, we said that by means of some good reading matter "dragging hours

may be changed into hours of delight which rapidly pass, dull minds may be brightened into scintillating thought." Would the radio not do this also?

It is becoming more and more accepted that the mental condition of the patient is almost of as much importance as his physical condition and any agent which will tend to improve his mental condition must not be disregarded unless it is an entirely impractical one.

Many hospitals are installing radio equipment but it is, as yet, an almost unknown quantity as far as its workability is concerned. Unlike the hospital library, there are many difficulties in the way of radio installation in hospitals. There are many mechanical difficulties in the installing of a central radio set, which centralized plan seems to be the accepted one, that must be considered and overcome. The manner of wiring, keeping in mind that interference from other electrical services must be reduced to a minimum, is a difficult problem. Also interference from electrical motors, operating elevators, office machines, telephone switchboards, etc., is frequently encountered and must be overcome.



It would seem that a centralized plan of furnishing radio facilities to the patients might well be provided in all new buildings. One aerial well placed both from a reception point of view and so that it will not be unsightly can take care of the entire institution. A central receiving set placed in the office, probably near the telephone desk, can be controlled by office clerks and telephone operators. Wires can be run from the central set in conduit to each bedside and earphones supplied to each patient. In one hospital, the ear sets are rented to the patient at a nominal fee and this slight revenue assists in the radio upkeep.

Unlike the library, however, we cannot supply the patient with just the sort of programme which is identical with his particular desires and which can be so easily accomplished in the case of books. Probably, then, the main difficulty in handling the radio problem in the above manner is that but one broadcasting station can be received at one time. The taste for entertainment on the part of the patients, of course, varies, and the programme which will suit certain patients is not satisfactory to others. If the patient is supplied with a telephone at his bedside as well as a radio outlet, it enables him to communicate his likes and dislikes to the telephone operator. It is possible for her then to attempt to satisfy in so far as she can the various requests which come to her.



Another difficulty encountered is that patients like varying degrees of volume and, although this is not a serious difficulty since the majority of patients would be content with a medium volume of sound, it has been overcome by wiring in a modulator plug at each bedside. Then the central station is turned on with considerable volume and if the person receiving the programme desires less volume it can be controlled at each head set by the modulator plug.

When the new St. Vincent's Hospital was erected in Los Angeles, California, there was installed on the

spacious roof garden a radio receiving outfit with wires to each bedside throughout the building. A most pleasing feature of this particular outfit is that it affords the enjoyment of programmes, which are held on the roof garden, to all the patients in the building who care to hear it. During the fifteen months the St. Vincent's Hospital has been operating there have been no objections to the radio equipment, and the authorities are of the opinion that it would be unwise to omit the installation of a radio outfit, with outlet at each bedside, from a newly planned hospital.

The new wing under construction at the Sarnia General Hospital at a cost of \$135,000 will be radio equipped throughout. There will be a central receiving set and head phones for each bed. Other hospitals throughout Canada are also experimenting along this line and more information regarding results will be available at a later date.

The radio certainly holds a most important place in the every-day life of most families and when patients come from their home to the hospital they miss this feature of their home life. Hospitals are changing with the years and more thought is being given to beauty, cheer and mental recreation. The radio, then, is just one more agent which may be utilized in not only brightening the hours which must be spent in the hospital but in cheering the patient on to ultimate recovery.



Advocates Dominion Wide Sickness Insurance

The total cost of sickness and invalidity to the people of Canada amounts to approximately \$311,000,000 annually, according to an estimate given to the Special Standing Committee of the House of Commons on Industrial and International Relations, by Dr. J. G. Fitzgerald, Professor of Hygiene and Preventive Medicine, at University of Toronto. With a scheme of sickness and invalidity insurance in force throughout the Dominion, modelled along the lines of that of Great Britain, the cost to Canada for care of the sick and preventive measures would be considerably less, Dr. Fitzgerald said.

Sickness insurance would allow a more intensive fight against disease, a further education of the people against exposure to danger of sickness and a concentrated preventive campaign.

The principle involved in the insurance scheme would be one of the well man paying for his health and the sick man paying for his sickness, Dr. Fitzgerald asserted. The first step toward this accomplishment would be a survey of conditions, to discover the approximate extent of diseases and the forces at the disposal of the nation to combat the evil of largely preventable disease.

A fighting force of nearly 600 hospitals, 9,000 physicians and an army of many thousands of nurses existed for a national scheme of sickness insurance, and could be put into operation paid by the state, said Dr. Fitzgerald. The actual cost of the system would be borne by industry and labour each paying

its share, with wage earners who came below a certain earning scale carried free of charge. The administration of the system would be along the lines of the workmen's compensation scheme.



Alberta's Rural Health Scheme is Launched

With the appointment of Dr. Margaret Owen, Grenville, Que., and her installation in her new post on the 15th of March, Alberta's new health scheme has been launched, and relief for the women and children of the isolated regions of Alberta is in sight.

Some time ago the Hon. George Hoadley, Minister of Health in Alberta, announced his intention of bringing out women doctors from England in order that the women on the prairie might have the care that every mother in the nation should consider as her right.

Explaining his plan of bringing English women doctors, Mr. Hoadley stated that he was quite willing to accept volunteers for prairie work from the ranks of Canadian doctors, but that in too many cases they seemed to prefer the comfort of city and town life and, in the meantime, the west was going doctorless.

The Minister's first appointee, however, is a Canadian, a graduate of the University of Toronto, and has qualified in the College of Physicians and Surgeons for Ontario. Following her graduation she spent four years as an interne in the Montreal General Hospital, went from there to a year of rotating service in anaesthetics and gynaecology in the Royal Victoria Hospital, Montreal, and then spent two years in the Royal Victoria's maternity and obstetrical department, being the first woman to be trained in this service in Montreal.

Dr. Owen also spent two years in obstetrical work in two of the leading hospitals of the United States, and has visited the leading clinics in Philadelphia, Baltimore and New York. She secured her Dominion council in 1928, and was licensed as a practitioner in the Province of Quebec in the same year.

It is interesting to know that while Mr. Hoadley only suggested that his new doctors should be given \$2,000 and a free house, the plan roused so much discussion and so much favourable comment that it was decided to raise the salary to \$2,500 and free house, thus bringing the salary for the women working under the Department of Public Health nearer the amount already being paid to the men in the Department, their salaries being around \$4,000 and \$5,000.

\$50,000 Gift to Montreal General

The Montreal General Hospital announces a gift of \$50,000 to purchase radium for use in the treatment of cancer. The gift was made by Mr. J. C. Newman, Montreal financier. Heretofore the institution has not had any radium for cancer treatment. Mr. Newman's gift was unrestricted with the exception of a request that any patient who was unable to pay for radium treatment be given the attention free of charge.

A REVIEW OF HOSPITAL BUILDING

A Condensed Review of Hospital Buildings, Additions, Nurses' Residences, etc., Completed and in Use During the Past Year

Homeopathic Hospital, Montreal

The new Homeopathic Hospital of Montreal is located on Marlowe Avenue, Notre Dame de Grace. The building was erected and equipped at a cost of approximately \$550,000 and has accommodation for 104 beds, although the board of management hope to increase this to 150 as soon as funds are available to build a home to accommodate a staff of nurses large enough to care for so many patients.

Although a homeopathic hospital, this institution is a general hospital to which any reputable doctor may send his patients and have his commands carried out in the same manner as if he were a member of the staff.

The Phillips' Training School for Nurses, which has been connected with the hospital ever since its inception, has increased its capacity from twenty-five to fifty.

St. Mary's Hospital, Ottawa

When the new St. Mary's Hospital, Cambridge Street, Ottawa, was opened, the former hospital was put into use as a nurses' home. The cost of the new institution was about \$270,000 and it has accommodation for 100 beds.

The building is of reinforced concrete construction finished in limestone and is fire resistant throughout. It is four storeys in height and is laid out in a "T" shape, the wings running north and south.

There are four completely equipped operating rooms, three for surgical cases and one for maternity cases. There is excellent X-ray equipment, a chemical laboratory, pharmacy and everything necessary for a thoroughly modern institution.

There are no wards, each room being a private one and of good size. The sunrooms are equipped with special windows which, when opened, permit an unobstructed view, and when one remembers the situation of the hospital on top of a cliff this is quite a consideration in convalescence.

The ground floor includes an office, reception room, nurses' dining-room, kitchens, distributing room for food, and living quarters for the sisters. The first and second floors are bedrooms and the fourth floor contains the operating rooms and other departments.

Providence Hospital, Moose Jaw

The new wing of the Providence Hospital, Moose Jaw, Sask., represents one of the most modern developments in hospital construction and equipment in the country. It is as fireproof as is possible and the entire four storeys are equipped with terrazzo flooring. The furniture in all of the wards is of metal and so both floors and furniture are washable and fireproof.

On the ground floor are various storerooms, sewing room, rest room and locker room for special nurses, instructional diet kitchen and lecture room for nurses in training. All of the wards on the second, third and fourth floors either accommodate one or two beds,

several single-bed wards being large enough to accommodate a second bed. There are six wards with bath and toilet installation, while there are three wards with toilet and basin. All of the wards on the top floor are equipped with wash basins.

Sunrooms extend across the south of the third and fourth floors and, at the present time, the fourth floor is being used by the nursing staff.

With the completion of the new wing other improvements were made to the hospital. The old chapel room was equipped as a children's ward with natural lighting and Vioray windows.

St. Joseph's Hospital, Kenora

Considerable accommodation was added to St. Joseph's Hospital, Kenora, Ont., when the new wing was completed. There is now room for sixty adult patients as well as an infants' department. The construction is of steel and reinforced concrete, and is strictly fireproof.

A modern lighting system was installed and extended to the old building, and the silent signal system is a great improvement on the bells. The heating is of the closed hot water type, forced circulation with reversed returns being employed.

On the ground floor are the office, pathological laboratory, dining rooms and kitchen. On the second floor, private and semi-private wards, and two public wards. In the new wing on this floor is the maternity department and nursery.

The surgical suite on the top floor includes major and minor operating rooms with sterilizing room between. On the same floor is the X-ray department with completely modern equipment.

The power house and laundry buildings are apart from the hospital proper.

Jordan Memorial Hospital, River Glade

The new infirmary at the Jordan Memorial Sanatorium, River Glade, N.B., has increased the accommodation of that institution from seventy-three to one hundred beds, and will eventually increase it without further building to one hundred and thirty. The new building is one of the finest of its kind in Canada, the wards being in single rooms, two and four-bed wards.

All floors are connected with an electric elevator and on the roof is an open air sun veranda. The third floor is the women's floor and has accommodation for thirty-six patients. On this floor are sitting room, diet kitchen and space for light therapy treatments.

The second floor is similar and is utilized for male patients. The first floor contains the medical offices, sterilizing room and modern, glass-tiled operating room. The basement contains general offices and vocational room.

The cost of the new infirmary was something over \$110,000, and it was all taken care of from the money

bequeathed to the commission under the will of Mrs. Jeanette Jordan, a native of New Brunswick.

Nurses' Residence, Kingston General Hospital

The opening of the new nurses' home at the Kingston General Hospital marked the erection of the seventh building to be either constructed or remodelled since the commencement of active building operations in 1924.

Not only was the new nurses' home opened but the old Doran building was completely remodelled throughout the interior and is now being used for the accommodation of children.

The new building for the nurses is an irregular "L" shape and will accommodate 120 nurses on three floors which, with the exception of twenty, will contain only single bedrooms. On each floor in both wings there are toilets and bathrooms of the most modern type.

On the second floor at the centre is a sitting room with balcony, and above the third floor, on the level of the adjoining roof, is a large solaria lounge about 35 feet by 42 feet, having windows on four sides.

The construction of the building is of semi-fireproof nature, the exterior walls being built of Kingston limestone. At the end of each wing are located two fireproof staircases which give easy access to the different parts of the building.

Stevenson Memorial Hospital, Alliston

One of the most modern and best-equipped small hospitals which has so far been built in this country is the new Stevenson Memorial Hospital, Alliston, Ont. The building is of frame construction with insulated walls and has been so treated as to be as fire resistant as the modern fireproof brick and steel structures.

Acoustic plaster has been employed to make the building soundproof.

The building is so situated that each patient's room faces south. At each end of the building are four-bed wards and there are also available for patients seven private rooms, two semi-private rooms, one children's ward, and nursery.

Two of the private rooms have three-piece bath, four with two-piece bath and one with running water. Telephone attachments are available in most of the rooms.

A silent call system is employed and there is an X-ray department in which almost every type of X-ray work is done with the exception of physical therapy treatment.

The kitchen is electrically equipped and includes most of the modern devices. The lighting of the operating room is a feature of the hospital and off



TWO BUILDINGS NEW YORK
VICTORIA AND WALKERVILLE

The Metropolitan Hospital, Walkerville, Ont.



Addition of Training School to St. Boniface Hospital

this room are the surgeons' washrooms, lockers and sterilizing room.

The ground floor of the hospital is so designed that it may, at any time, be used for patients should the need arise for more accommodation.

All corridors, bathrooms and utility rooms have overhead lighting and ventilation. Kitchen, bathrooms, operating and sterilizing rooms have terrazzo flooring, while corridors and wards are covered with linoleum. The ground floor is of concrete covered with mastic flooring, while the second floor has gyproc on top of a wooden floor under the linoleum.

Memorial Hospital, Pictou

The new Sutherland Memorial Hospital, Pictou, N.S., was built at an approximate cost of \$60,000 and is a solid fireproof building consisting of basement and three storeys, which is conveniently divided into a nurses' home in the east end, administration section in the centre and patients' wards in the west end.

The hospital has room for twenty beds and there is room for a four-bed maternity department on the first floor.

The operating room section is on the third floor and is up-to-date in every respect, containing anaesthetic room, sterilizing room and operating room.

All private and semi-private rooms and female public wards have toilet and washbasin off room.

St. Michael's Hospital, Toronto

The imposing new wing of St. Michael's Hospital, Toronto, is an "E" shaped structure, 200 by 250 feet, broken on the south by two courts, each 66 feet square. This allows direct sunlight into all the rooms facing on these courts. These are all patients'

rooms; the utility rooms, service rooms, linen rooms, pantries, etc., being situated on the north side.

The building is seven storeys high with basement. It has a steel frame and is fireproof throughout, the construction being of open metal bar joisting. All floors are of terrazzo, the corridors and staircases having linoleum dados. The staircases are contained in fire walls and fire doors.

The addition has seventy-five private rooms and an almost equal number of semi-private wards. There is a total capacity of about 600 beds.

There are eight operating rooms and two case rooms, one for public and the other for private patients. A new emergency operating room, equipped for instantaneous operations, is located close to the street level and main entrance.

At the admitting entrance the patients coming by stretcher are raised from the ground level by hydraulic elevator.

There are four balconies on each floor, two of which are glass enclosed.

Each floor houses a separate department. The top floor is given over to obstetrics and a complete floor is devoted to the X-ray department. This department has twenty-two rooms of which seventeen are devoted to radiographic work and five for physical therapy. This department is complete in every way and is a noted feature of the new addition.

Addition to St. Boniface Hospital

Very handsome and modern is the spacious training school for nurses which was erected in Western Canada at St. Boniface, Man. The building is a five-storey structure of brick and stone, accommodation being provided for 166 nurses.

The four upper floors are uniform, with the excep-

tion of a special small suite of rooms on the second floor and a small kitchenette on the third floor. The four floors of bedrooms provide sleeping accommodation for the 166 nurses in 112 single and 27 double rooms. Each floor has a sitting room, utility room and room for linen. On the second floor are two large balconies.

The ground floor contains reception rooms, offices, library, demonstration room, lecture room, dietetic study room, other study rooms and a small suite of rooms for nurses who are in ill health. The office of the superintendent of nurses, with a suite of rooms and a small consultation room, is also on this floor.

The training school is connected with the hospital by a tunnel on the basement floor level, and on the main floor are located two dining rooms, with accommodation for 150, the main dining room having a seating capacity of 120. Between the two dining rooms is a service kitchen.

St. Joseph's Hospital, Victoria

The handsome new addition to St. Joseph's Hospital, Victoria, B.C., cost approximately \$356,000 and was erected to the east of the present building in an "L" shaped formation, with the branches of the "L" four and five storeys high respectively. The exterior conforms to the same style of structure as the old building and the wing is of reinforced concrete and thoroughly fireproof throughout.

The maternity and electrical treatment departments form the largest portion of the new edifice, which also makes provision for 100 beds. This added accommodation releases much of the space used in the old building for apparatus and this space will be turned into rooms for extra bed accommodation.

The ground floor contains dining rooms, sisters'

accommodation and living quarters, nurses' rooms, business offices, telephone exchange and record room.

On the second floor are two children's wards and X-ray department as well as some private rooms. The third floor includes private rooms with some baths, diet kitchens, etc. Two-room wards are also included in this floor.

The fourth floor is given over to the new maternity department with preparation rooms and nurseries. Seven operating rooms occupy the fifth floor, two for major operations, one for dental operations, one septic operating room, one dark room, one for cases of eye, ear, nose and throat, and a fracture room.

One of the latest type elevators gives access to a roof garden and open air solarium. Throughout the entire structure the greatest use is being made of sun, light, air and heat.

St. Joseph's Hospital, Port Arthur

A new addition has been constructed to St. Joseph's Hospital, Port Arthur, Ont., which brings the accommodation of that hospital up to almost 200. The new wing is of reinforced concrete and hollow tile construction.

There are four floors, each of which communicate with the older part of the hospital by corridors which can be closed off by swing doors. The well-lighted corridors are of double width for convenience.

The first floor contains the administration section and on the second and third floors are patients' rooms, both in public and private wards. Diet kitchens, utility rooms and dressing rooms are also on these floors.

The fourth floor is an obstetric department and is completely isolated from the other wards. There are two large baby wards and a baby isolation ward.



Toronto East General Hospital



Showing the commodious new wing of St. Joseph's Hospital, Port Arthur, Ont.

Each floor is served by an electrically operated dumb waiter and on the roof arrangements have been made for a roof garden for convalescent patients.

The new wing has accommodation for about seventy patients.

Toronto East General Hospital

To serve Toronto's large population in the east has been erected the new Toronto East General Hospital. The building cost \$339,000, the equipment \$75,000 and the land \$80,000. The hospital has accommodation for 105 adult patients distributed as follows: fifteen private rooms, seven two-bed wards, three three-bed wards, and public ward accommodation for sixty-seven. Additional accommodation may be provided for fifteen if the convalescent ward on the top floor is used. This is equipped with nurses' call system and necessary accommodation for beds in case of epidemics.

The building is of concrete and steel construction throughout with a brick veneer finish; the interior of plastered walls, making a splendid foundation for the colourful paint which helps to create the cheerful atmosphere which is a feature of this very modern hospital. The corridors are painted cream, the rooms on the east side gray-green, and those on the west side a brighter green. Every room flaunts bright chintz hangings and each room has its own individual pattern and colour.

The flooring in operating, utility rooms and en-

trances is of terrazzo, while the corridors, wards and private rooms are covered with battleship linoleum, bordered with terrazzo and producing the effect of rugs. Kitchen, service kitchens, laundry and dining rooms are covered with square red tile.

There are five floors in the building, four of which are to be used for service and the fifth floor as a solarium for the use of convalescent patients only. On each of the four service floors are located a diet kitchen, linen closets and physicians' and nurses' offices.

The fourth floor is devoted to the surgical department. The operating rooms are completely equipped with Balfour tables with modern Scialytic lighting installation. The third floor is devoted to the obstetrical department and nursery with thirty cots, as well as an isolation nursery of four cots.

The second floor is the medical department and the ground floor may be used for either surgical or medical cases. On the first floor is located the administration department. Here also is the waiting and Board room.

The very up-to-date X-ray department is located on the ground floor and next to this is the out-patients' clinic.

A two-storey wing contains the kitchen, refrigeration plant, laundry and boiler room, so that these are separated from the hospital proper.

Sick Children's Hospital, Thistletown

The new Country Hospital for Sick Children at

Thistle town, Ont., stands on an eminence some 325 feet above Lake Ontario, and on every side fertile fields interspersed with woods cover the gently rolling country. The wards, all of which face the south, are flooded with sunshine and the yellow walls add cheerfulness to an already pleasing atmosphere.

The building has a present accommodation for 112 beds but construction and equipment are so designed and installed to accommodate three times that number. The wards are not large, the most spacious containing eight beds, and each walnut-finished bed has its accompanying Windsor chair to match. Beds and chairs are in three sizes to suit the comfort of the patients of varying ages. The sides of the beds are locked underneath and the beds are high so that neither nurse nor doctor will need to bend to examine the little patients.

The lighting system is modern, giving softly diffused light or bright, though not glaring, light. A feature is that it is possible to throw a strong light on any individual bed.

Wide doors open from each ward on to a balcony which extends the entire length of the ward.

The ward and corridor floors are of specially prepared asphalt mastic laid on concrete.

Observation wards for boys and girls, each with its own bathroom, have been installed to take care of cases which may come under observation for suspected infection.

The kitchen, which would delight the efficient housekeeper, is modernly equipped in every way and there is not a square corner in it, nor is there in either ward or corridor throughout the hospital.

Each section of the unit has its service rooms—helio-therapy room fitted with quartz lamp equipment; massage room; room for dressings, and for

general supplies. Everywhere are cupboards arranged in a most ingenious manner.

The staircases are self-contained and therefore serve as indoor fire escapes. They are of steel covered with durolithic.

Much thought has also been given to the comfort of the staff. There are attractive reception rooms for maids, nursery maids and nurses, and for the doctors. An attractive suite has been furnished for the supervisor and there is a delightful guest room.

Heating and sewage arrangements are, of course, of the most modern character, and the laundry is one of the most up to date in the country. An efficient water softener is installed.

The hospital has cost approximately \$650,000 and is the first of three units of uniform size which will eventually be constructed as the need arises.

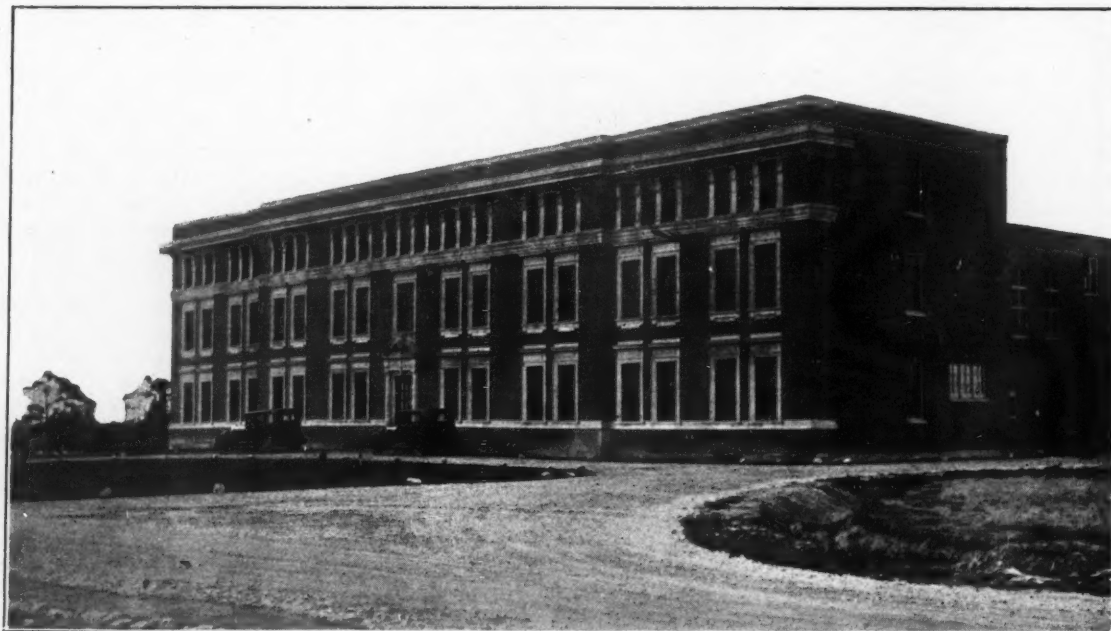
Metropolitan Hospital, Walkerville

The \$500,000 Metropolitan Hospital, although located in Walkerville, was built under the auspices of the Essex Border Utilities Commission, which is a body composed of representatives from each of the seven municipalities adjoining each other along the Detroit River front.

In the planning of the hospital the future growth of the institution was kept in mind. The present accommodation is for eighty-one beds in the General Hospital and twenty-one beds in the Isolation Building, while the main service units have been planned to accommodate from 350 to 400 patients, plus the nursing staff and servants.

The building is constructed with brick and hollow tile exterior walls with cut stone trim. The floors, beams and columns are of reinforced concrete. The elevators and stairs are entirely closed with fireproof

Continued on Page 32



The Administration Building, facing north, Hospital for Sick Children, Thistle town, Ont.



*X-Ray Waiting Room, Toronto General Hospital,
Furnished by Eaton's Contract Department*

EATON'S CONTRACT DEPARTMENT

Offers Expert Service

In Planning and Outfitting Hospitals

The following factors make this Eaton service of inestimable value to hospitals:

Careful consideration of detail as an important item in hospital efficiency.

Complete knowledge of the furnishings most practical for hospital use, so that no impractical expenditures increase the cost.

Rapidity with which required equipment can be obtained with consequent saving of time and money.

Estimates gladly submitted. For further information communicate with the Contract Department.

THE T. EATON CO. LIMITED
TORONTO CANADA

Outfitters to Hospitals, Clubs, Hotels, Theatres and Steamships

Please refer to THE CANADIAN HOSPITAL when writing

A Review of Hospital Building

Continued from Page 30

hatchways and doors at each floor. The floors in patients' rooms and corridors are covered with linoleum while the service rooms, such as sink rooms, utility rooms, bathrooms, toilets, operating rooms, etc., have terrazzo. The serving rooms, kitchens and solarium have red quarry tile floors.

There is a water still located in the penthouse which delivers sterile distilled water at any desired temperature through reheaters in such of the operating rooms and also at outlets on each of the lower floors for ward purposes. All of the service rooms, kitchens, toilets, operating rooms, etc., are ventilated with ducts connected direct to the fans located in the penthouse.

This building is on the northeast side of the property, is two storeys and basement in height and is connected direct with the main building and power house by tunnels. The general construction and finish of the building is the same as the main building.

At the rear of the property has been located the power house, which has been built large enough so that when the future wings and buildings are added all that will be necessary to install is additional equipment.

Victoria Hospital, London

The hospital requirements of the city of London, Ont., are being splendidly met by the Victoria Hospital there. This hospital has been in existence for

many years and has increased in size by means of additions until it now has a capacity of 400 beds.

The most recent addition was one which was erected to the nurses' residence and this brings the Training School for Nurses up to 159. There is also a medical staff of fifty and an interne staff of twelve members.

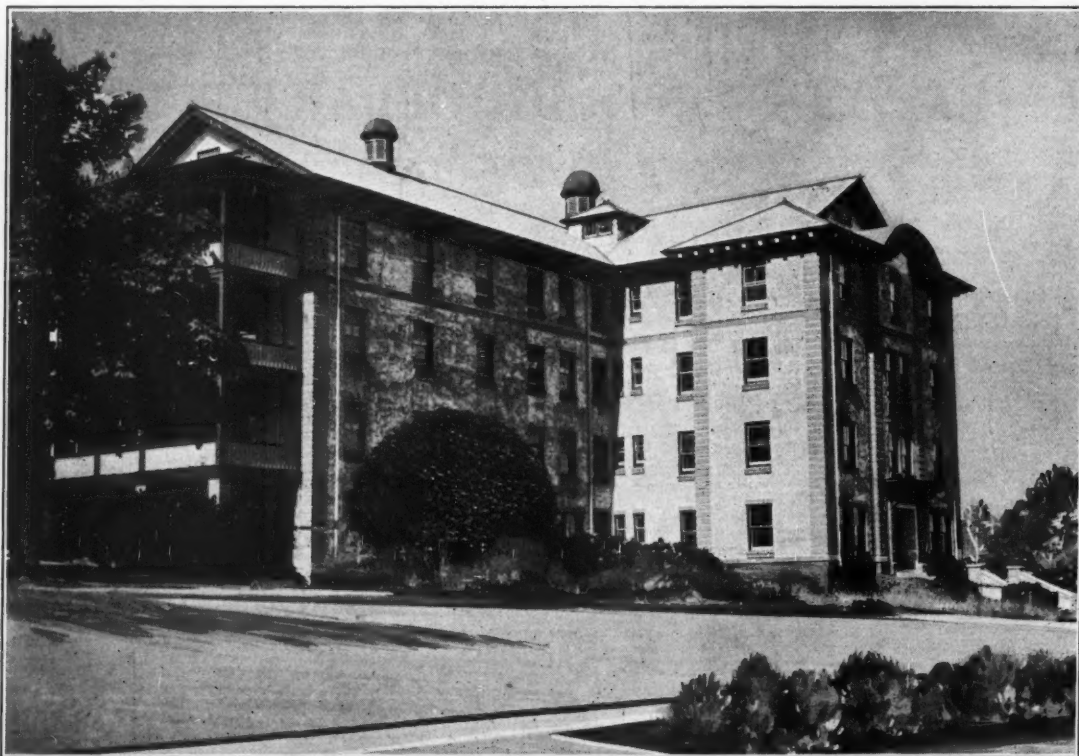
In 1874 a general hospital was erected upon the present site, the former building having been destroyed by fire. This building provided accommodation for sixty patients. 1883 marked the establishment of the Training School for Nurses, which was the third in Canada. In 1898 a complete hospital building was erected to the east of the original plant and a few years later an isolation unit was added. One year later a pavilion was added for the treatment of tubercular patients.

1923 marked the opening of the War Memorial Children's Hospital, an eighty-bed unit of Victoria Hospital. In 1926 a nurses' residence, accommodating 124, was erected directly opposite the hospital building and in 1928 the splendid new addition was made to the residence.

Nanaimo General Hospital

Nanaimo's new hospital is the third hospital structure to be erected in Nanaimo, B.C. The cost of construction was about \$186,000 and with other work to be done as is rendered necessary the total will amount to about \$250,000. The building is of

Continued on Page 34



Nanaimo Hospital, Nanaimo, B.C.

40% More Snooks Installed in 1928

THE increasing requirements in an X-ray machine due to the newer technics in more recent years, have served to bring about a greater appreciation of the Snook. While the number installed during 1927 far exceeded the records of previous years, the year 1928 saw the 1927 Snook record exceeded by 40%.



Was this because of low price? No, for there are any number of machines offered in competition at considerably lower prices, and claiming to do the same class of work. Proof thru actual performance and the visualization of end results, plus the enthusiastic endorsement of an army of satisfied Snook users the world over, are the concrete reasons for this increased popularity.

There is only one Snook—it is distinguished from others by the double cross arm type of rectification, as originally designed by Mr. Snook

in 1906. While the present-day Snook machine offers certain definite refinements over the original, such as added convenience of operation, improved control system, greater capacity and more artistic design of cabinet, the original principles remain unchanged. Thus it has adapted itself to the advances in X-ray technic through the years and is equal to the most critical requirements of the present.

All of which is eloquent proof that the fundamental principles are right.

Victor X-Ray Corporation of Canada, Ltd.

Manufacturers of the Coolidge Tube
and complete line of X-Ray Apparatus



Physical Therapy Apparatus, Electro-
cardiographs, and other Specialties

524 Medical Arts Building, Montreal
Motor Transportation Bldg., Vancouver

2 College Street, Toronto
Medical Arts Bldg., Winnipeg

A GENERAL ELECTRIC



ORGANIZATION

Please refer to THE CANADIAN HOSPITAL when writing

A Review of Hospital Building

Continued from Page 32

reinforced concrete and hollow tile, finished in stucco and red brick.

The hospital has been erected in the form of a Greek cross, having a frontage of 120 feet with a main portion forty-eight feet deep. There are seventy-five beds in all, including the bassinets in the nursery. To prevent vibration on the floors, linoleum is laid on concrete slabs, thus assuring quietness.

The operating rooms are well lighted and both major and minor operating rooms have been tiled throughout and are furnished with metal furniture. Sterilizing and X-ray departments are adjacent on the same floor.

The light signal system is used and the heating plant is thoroughly modern.

McKellar General Hospital, Fort William

The new addition to the McKellar General Hospital, Fort William, Ont., brings the accommodation of this institution up to 200.

The X-ray department is on the major portion of the ground floor, the balance being taken up with five private wards for medical cases. The second and third floors are used exclusively for maternity patients and are very beautifully furnished and equipped. The fourth floor is devoted entirely to operating rooms.

The equipment in all departments is of the best

and most up-to-date and the personnel are trained and fully competent. The appointments in the private and semi-private wards are harmonious, eliminating in so far as is possible the institutional atmosphere.

Although the city is so isolated from large centres, a service is maintained which is entirely efficient and up-to-date.

An Educational Film Presented by Davis & Geck, Inc.

A picture in four reels called "The Relation of Absorbable Sutures to Wound Healing" is being presented by Davis & Geck, Inc., Brooklyn, N.Y. This picture gives graphic presentation to the co-relation between the reaction of tissue to injury and the factors determining the behaviour of catgut under various conditions, as observed in the laboratory and in the clinic. The subject matter is based upon a compend of the best authorities and embodies the results of extensive research.

The film is available for bookings, without charge, to medical schools, hospitals and accredited professional organizations. It is obtainable in either the professional standard (35mm.) or amateur standard (16mm.) width. Requests for bookings or information should be addressed to Davis & Geck, Inc., Department of Professional Service, 211-221 Duffield Street, Brooklyn, N.Y.

IF *your Hospital (be it large or small) is contemplating a new X-Ray installation — or changes in your present installation — or the purchase of diathermy or ultra-violet apparatus — you will profit by consulting with us.*

We have equipped many Canadian Hospitals. May we tell you about them?

THE M. B. EVANS X-RAY COMPANY

2539 Woodward Ave.
DETROIT, Michigan

80 Richmond St. East
TORONTO 2, Ont.

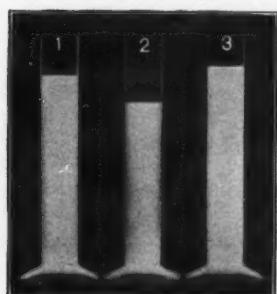
211 Union Ave. N.E.
GRAND RAPIDS, Mich.

Exclusive Distributors of Acme-International Precision Apparatus

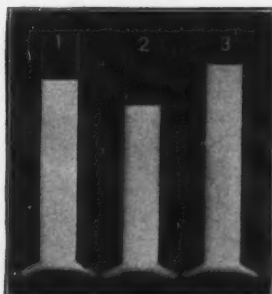
Please refer to THE CANADIAN HOSPITAL when writing

Acme Bariummeal

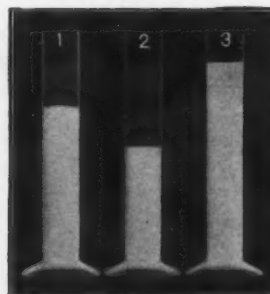
The unretouched radiographs on this page graphically illustrate the extraordinary suspension qualities of Acme Bariummeal. Tube No. 1 contains pure Barium Sulphate in water. Tube No. 2, equal quantity of a nationally known Barium Meal. Tube No. 3, equal quantity of Acme Bariummeal.



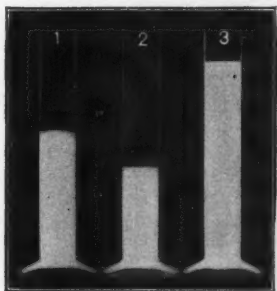
Ten minutes after mixing.



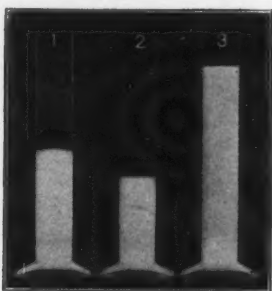
One hour after mixing.



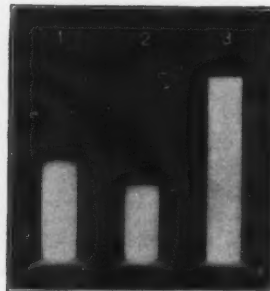
Two hours after mixing.



Four hours after mixing.

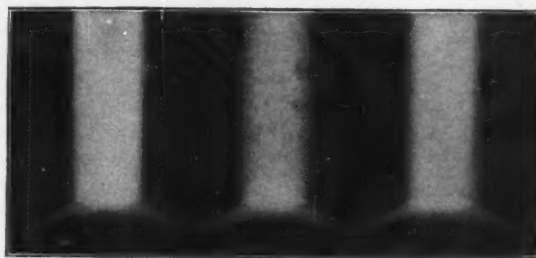


Six hours after mixing.



Twenty-four hours after mixing.

This unretouched radiograph illustrates the exceptionally uniform density of Acme Bariummeal, a factor of great diagnostic importance.



It mixes readily, is palatable and minimizes constipation tendencies. Available in 8 oz. cans (6 to the carton); 10 lb., 50 lb. and 100 lb. lots.

USE THIS COUPON



AT OUR RISK

Acme-International X-Ray Co.,
725 W. Lake Street, Chicago, Ill.

Gentlemen: Please send me one carton containing six 8 oz. cans of your Bariummeal. I will try it and if thoroughly satisfied will send you my check for \$1.95. If not satisfied, it is understood that I may keep all six cans without any payment whatever.

Dr. Hospital

Address City State

Please refer to THE CANADIAN HOSPITAL when writing

The Various Activities Occupying the Field of Public Health Work

By DR. J. W. BELL

Deputy Minister of Public Health, Province of Ontario

PART II

(Continued from March Issue of THE CANADIAN HOSPITAL)

My friend of the Pullman car said to me, "I am very much interested in what you have been telling me about public health control of milk and water supplies, but I have been hearing considerable lately regarding tuberculosis, and what the people engaged in public health work are doing in that connection. I would like to know something about tuberculosis. I would like to know what it is; why it is so many people are infected; why so many die; and how the disease is treated."

In reply, I said that tuberculosis used to be called consumption. It is a communicable disease. It is caused by a small germ, the "tubercular bacillus." The growth of the germ is favoured by the absence of sunlight, by inadequate ventilation, by improper and insufficient nourishment, by indoor occupations, by insufficient rest and by excesses of every kind. The present treatment for tuberculosis is the routine adopted at the special tuberculosis hospitals, which we call "sanatoria," which constitutes instruction in and application of the cardinal factors in health, namely, fresh air, sunshine, food and rest, in addition to which certain surgical operations are done in the sanatorium with a view to further promoting the rest that is necessary in the cure or arrest of the disease. The result of the surgical measures employed is to curtail the movement of the lung and in this way to promote healing. Our first object in the treatment of tuberculosis is to change an open active case into a closed case. Our second object is to teach the individual the particular things he must do in order to protect his health or to regain it. Our third object is to teach him how to protect others from acquiring infection from him.

A Menace to Others

From the public health point of view we are naturally more interested in the open case of tuberculosis as a menace to others than we are in the case itself. We are interested in protecting those who must be in the environment of the open case. We are anxious to limit the disease to the one case rather than to have a varying number of others who come into contact with the sick person, infected, with the resultant increase in open cases. For this reason, from a public health point of view, the protection of the contact is of greater importance than the treatment of the individual case. If we could prevent contacts becoming infected and prevent open cases of tuberculosis we would be able within a comparatively short time to wipe out the disease.

Dr. Wilson spoke to you this morning about the travelling chest clinic. That clinic has done a tremendous amount of good in the Province of Ontario—not so much by locating open cases of tuberculosis

as by finding early cases and getting people under treatment while there is a reasonable prospect of curing them; getting them so early that the period of their disability is cut down. The period of their treatment is also cut down. The expense in connection with the treatment is cut down and they are returned to their place in the community comparatively well at a much earlier period than would otherwise be possible. The tuberculosis death rate in the past fifteen years has been practically cut in two, but yet there are far too many cases. As public education goes on and as the public become more enlightened, the number of cases is being gradually decreased. Early treatment is more often instituted and ultimately this programme will lead to a much greater reduction than we have yet obtained in connection with this dreaded disease.

Toxoid a Protection

My friend then said, "Diphtheria has always been weirdly interesting to me. I remember when I was a boy how, out of a family of seven who contracted diphtheria, only my sister and myself remained alive. Now, however, antitoxin seems to be a wonderful thing, but," he said, "wonderful and all as it is, it does not always cure. Last autumn a neighbour of mine had a boy who came home one day from school not feeling well, but not apparently very ill. They put him to bed and gave him some mild home remedies. As the boy appeared about the same the following day, he was kept in bed and some further home treatment given. In the course of the third day he became very ill and they called in their doctor. As soon as the doctor had examined the boy's throat he recognized the case as one of diphtheria and gave him antitoxin in very considerable dosage, following up later with further antitoxin treatment. The boy, in spite of the treatment, rapidly became worse and died. "So," he said, "that is one case to prove that antitoxin does not always cure."

I replied that that case does not prove anything excepting what we all contend, namely, that if antitoxin is to be effective it must be given early. You cannot wait until the nervous system has been overwhelmed by the poison of diphtheria and expect to get satisfactory results. That is asking too much, but give it early enough and you do not need to worry about your case of diphtheria.

There is, however, something recent and very interesting about diphtheria. We now have a method of immunization against contracting diphtheria, and thousands of children are now being treated with the new preparation, called "toxoid"—prepared in the Connaught Laboratories and distributed free by the

Continued on page 41

Please refer to THE CANADIAN HOSPITAL when writing

AN ANNOUNCEMENT BY THE MAKERS OF D & G SUTURES

DAVIS & GECK, INC.

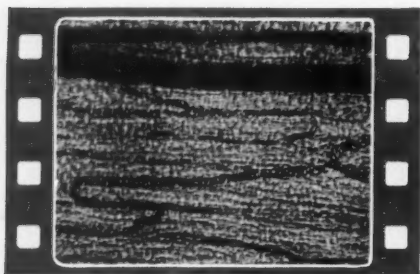
PRESENTS

An Educational Motion Picture

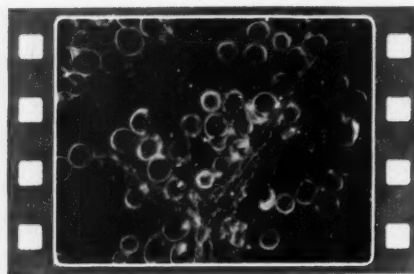
THE RELATION OF
ABSORBABLE SUTURES
TO WOUND HEALING

THIS picture gives graphic presentation to the correlation between the reaction of tissue to injury and the factors determining the behavior of catgut under various conditions, as observed in the laboratory and in the clinic. The subject matter is based upon a compend of the best authorities and embodies the results of extensive research.

Brief Synopsis The Relation of Absorbable Sutures to Wound Healing



Multiplication of Capillaries



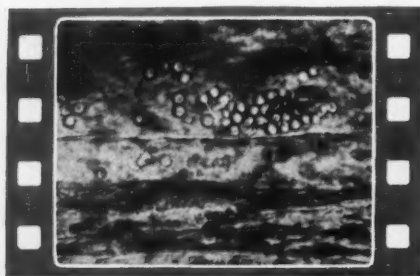
Fibrin Formation

THE picture opens with the incising of tissue and presents the resultant reactions in the order in which they occur. Microcinematography is employed to show such responses as the acceleration and retardation of the blood stream, the opening of new capillaries in the vicinity of the injury, the formation of the clot with blood platelets oscillating in a network of fibrin, diapedesis, the migration of living leucocytes

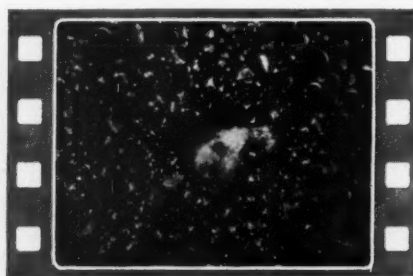
into the clot, and phagocytosis.

Healing per primum is contrasted with healing by secondary intention, both as to method of attainment and end results. The part played by the suture and the mechanics of the absorption process are clearly illustrated.

The important steps in the preparation of absorbable sutures are shown, together with the various tests necessary to insure uniformity of the product.

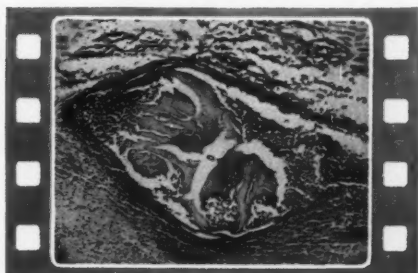


Diapedesis



Phagocytosis

The Relation of Absorbable Sutures to Wound Healing *Brief Synopsis*



Catgut Absorption

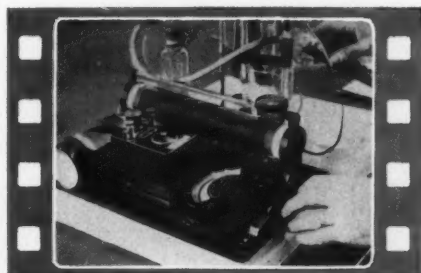


Approximation of Tissue

The latter portion of the picture deals with fundamentals of suture use. Comparisons, in terms of relative strength between the healing rate of tissues and the absorption rate of the various sizes of plain and chromic catgut, provide a basis for accurate selection of the proper suture. Correct and incorrect methods of applying sutures in the approximation of tissue and comparative results are illustrated.

The picture is available for bookings, without charge, to Medical Schools, Hospitals, and accredited Professional Organizations. It is in four reels, and is obtainable in either the professional standard (35mm) or amateur standard (16mm) width.

Requests for bookings or information should be addressed to Davis & Geck, Inc., Department of Professional Service, 211-221 Duffield Street, Brooklyn, N. Y.



Neutrality Test



Chromicizing Process



PRINTED IN U. S. A.
THE PRIVATE PRESS OF DAVIS & GECK INC.

The Various Activities Occupying the Field of Public Health Work

Continued from page 36

Department of Health of this Province. One dose is given every two or three weeks, and the children are then protected. We do not get one hundred per cent. efficiency. The odd child will take diphtheria even after being immunized, but in those odd cases we have found that when the disease does develop it is of a much more mild type than if the immunizing had not been done.

My friend, who pretended to know very little about Public Health, then enquired about other communicable diseases, such as scarlet fever, whooping cough, etc., asking re modern methods of treatment and prevention with respect to these. I replied with respect to scarlet fever that we now have scarlet fever antitoxin for the treatment of the active case. We also use this antitoxin for temporary immunization of children who have been in intimate contact with an active case of scarlet fever. The preparation is working very satisfactorily. With respect to an immunizing agent, similar in its action to toxoid in relation to diphtheria, we have now scarlet fever toxin, which is given in the same way as diphtheria toxoid. The amount of work that has been done on this preparation is not sufficient yet to definitely determine the strength, the dosage or the period of immunity that the treatment will produce, but it gives great promise of being a most valuable measure against scarlet fever.

A Serious Infection

As Dr. Frost, of the Johns Hopkins School of Hygiene, said in an address to a Toronto audience last spring, "We are definitely changing our attitude toward communicable disease and to none of the diseases more than to whooping cough." Diseases which used to be considered major communicable diseases on account of their resulting death rates, are now no longer the major diseases for this reason. Diphtheria, scarlet fever and smallpox are no longer the killers that they used to be. Instead of these diseases whooping cough now looms up, by reason of its results, as a very serious infection and is now recognized as one of the major communicable diseases, particularly in infants and very young children. Whooping cough cannot be considered from any point of view a minor disease. No child can have whooping cough and recover without carrying the scars of the disease. X-ray pictures of chests, time and again, show evidence of the damage done in childhood by whooping cough. It is this idea of the "minor" disease which frequently makes "minor" communicable disease control difficult. The other principal factor which increases the difficulty of communicable disease control is the dread many people entertain of being quarantined.

You will find time and again that a child will come home from school complaining of being a little ill—not very ill, perhaps, but showing evidences of an intestinal upset, coated tongue, chilly, little headache and slight fever, and the mother on examining the child will notice a blush over the skin. The father and mother both feel quite certain that the child has

mild scarlet fever and confer on whether they should call the doctor. They know that if the doctor is called and is as honest as he should be, he will report the case to the Health Officer if he find that the child has scarlet fever; that quarantine will be instituted and that certain limitations and restrictions will be introduced on the premises. They decide to take a chance. The following day the child seems a little better and in the course of a few days is able to be up and out, and possibly within a week is returned to school to come in contact with other children with, who can say, what result. This type of procedure has been the beginning of any number of serious outbreaks of scarlet fever and it is simply appalling to see the number of people who, in every other aspect of life are strictly honest and scrupulously honourable, do, under these circumstances, things that are little short of criminal.

Control of Communicable Disease

Another thing with which we must contend in communicable disease is the "carrier." By the word "carrier" we mean one who is himself a carrier of the communicable disease organisms, but who had in his system a definite substance or factor which prevents the organism in question from attacking him and making him a victim of the disease. These carriers are quite able to transmit the disease to others, although they do not suffer from it themselves. One other factor in the control of communicable disease is the child actually a victim of an infection. The important period for communicability to others is the period of onset. During the time when the child is developing the disease, just before he is compelled by reason of the illness to go to bed, he is a serious menace to other children with whom he may come in contact and many cases of communicable disease are acquired during this period.

Looking over the whole problem of communicable disease control, it would seem to me that before we can reach the point where we may have a reasonable control of same, we will have to have a tremendous awakening of community responsibility. We will have to have a more acute realization on the part of our people, of their responsibility toward their neighbours.

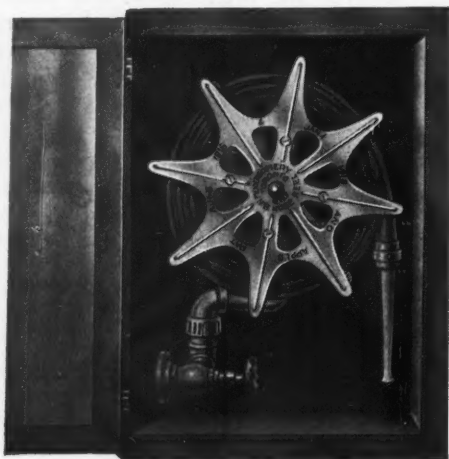
By this time we had come very close to our destination and, in the few minutes that were left to us, we discussed very briefly infant mortality, the reduction in the death rate of children in the first year of life, due to more scientific feeding, better hygienic conditions; of the work now being done in the way of home instruction by public health nurses. And just here let me break in for one moment to express a hope that those of you who are here will encourage nurses in training to go into the field of public health nursing. There is no more effective, no more valuable and no more flexible community agent in the whole field of public health, than the public health nurse.

We referred for a few moments to industrial hygiene and touched on the importance of the work done in that field, stressing particularly its importance from an economic standpoint to both employers and

Continued on page 68.

Please refer to THE CANADIAN HOSPITAL when writing

Montgomery Hose Reel Equipment *Protects the Leading Hospitals Against Fire*



Montgomery Cabinet Reel, Style D

When danger arises there need be no delay to get help; the water may be turned on instantly. Springs under the drum slats of the reel allow the hose to expand to the full, so that if the fire is close at hand it may be drowned out with only a foot or two of the hose uncoiled. See cut above.

If the fire is some distance away the hose may be pulled towards it. The reel will revolve, uncoiling the hose without checking the full, continuous rush of water from the nozzle. With no other hose equipment is this possible.

Partial List of Hospitals Equipped:-

General Hospitals at Toronto, Guelph, Hamilton, Kingston, Woodstock, Ottawa, Brandon, Oshawa, Sarnia; Royal Victoria Hospital, Montreal; Notre-Dame, Montreal; Hotel Dieu, Kingston, Hotel Dieu, Cornwall; Ontario Hospitals at Kingston, Toronto, Mimico, Hamilton, Whitby; St. Jean de Dieu Insane Asylum, Montreal; Calydon Sanitarium, Gravenhurst; Nurses' Residence, Brockville, and many others.

WRITE FOR BOOKLET TO-DAY

B. H. MONTGOMERY HOSE REEL COMPANY

75 DUNDAS ST. E.

TORONTO

St. Catharines General Hospital Enlarged and Modernized

The new wing and the Administration building of the St. Catharines General Hospital were formally opened to the public by His Honour Lieutenant-Governor W. D. Ross, on Saturday, January 19th, 1929. These splendid additions were built through the generosity of the citizens and ex-citizens of St. Catharines when, in the fall of 1926, \$223,000 was raised for the purpose of building the wing. In the summer of 1928, an additional sum of \$25,000 was given by Mr. David Mills, of Montclair, N.J., for the purpose of erecting an administration building, which serves as a connecting link between the old and the new wing.

The wing consists of four floors. On the ground floor are the emergency operating rooms, the admitting department, two detention rooms, a twelve-bed ward for male medical cases, and a complete X-ray and physiotherapy department, also the drug room and laboratory, the latter with new and modern equipment.

The first floor is divided into two distinct parts, one being the children's department, one side of which is divided by glass partitions into twelve cubicles for infants, the other side into five two-bed wards. The rest of the floor consists of four private rooms and a ten-bed ward for female medical cases.

The second floor is for private patients, sixteen beds in all, a sun room and a nursery.

Prepared for Growth

The third floor is the obstetrical floor and as the service grows, the plan is to have the second floor for obstetrical private patients. At present, there are seventeen obstetrical beds on the third floor, a nursery and a complete suite of delivery rooms, which are divided off from the rest of the floor. This suite of delivery rooms consists of two delivery operating rooms with sterilizing room between, two waiting rooms opening into the delivery rooms, a nurses' room and a doctors' room.

In all, this new wing gives the hospital fifty adult beds, twenty-two children's beds, and thirty-three bassinets for the obstetrical floors, making the hospital a 185 bed institution.

There is running water in every room and ward, telephone connections with private rooms, and floor lighting in place of the ceiling lights. Each bed is equipped with a goose-neck stand lamp which serves very satisfactorily for examination purposes as well as for general lighting.

The X-ray Department is up to date in every way with complete new equipment. A cystoscopic room, a fluoroscopic room, a radiographic room and developing room comprise the main section; and along the corridor are the waiting rooms, physiotherapy room, laboratory and record room. Dr. G. T. Zumstein is in charge of these departments as full time radiologist and pathologist.

A new kitchen was built last year and occupied in June. All food service is centralized. New dining rooms were provided for in the building programme and these are in close proximity to the kitchen. Refrigerators throughout are electric, controlled from

Please refer to THE CANADIAN HOSPITAL when writing

the central ice plant which was installed with the building of the kitchen. The laundry and the heating plant were built a few years ago with the proposed present additions in view, so that these departments are now able to carry on the extra work of the additional space and beds without any further changes.

The administration section comprises the information office and the business office at the right of the main entrance; the Superintendent's office and the Assistant Superintendent's office at the left and a spacious and artistic waiting room for the public across the width of the building at the back, the windows of which overlook the courtyard and drive between the two buildings.

It is the hope of the Board of Governors to add to the present clinics at the hospital and in the near future to establish a Health Centre for the community. There is suitable and available space for this purpose in the quarters formerly occupied by the Children's ward, the renovations of which are included in the proposed alterations to the present wing.

International Council of Nurses to Meet in Canada

The International Council of Nurses to convene in Montreal, July 8 to 13 inclusive, will signify the sixth meeting of the Council, these meetings being held every four years. From six to seven thousand registrations are expected, with nursing representatives from all National organizations affiliated with the International. The affiliated Associations in the order of their affiliation are:

- The National Council of Nurses of Great Britain;
- The American Nurses' Association;
- The Nurses' Association of Germany;
- The Canadian Nurses' Association;
- The Danish Council of Nurses;
- The Nurses' Association of Finland;
- The Nosokomos, Holland;
- The Trained Nurses' Association of India;
- The New Zealand Trained Nurses' Association;
- The National Federation of Belgian Nurses;
- The Nurses' Association of China;
- The National Association of Italian Nurses;
- The Norwegian Nurses' Association;
- The South African Trained Nurses' Association.
- The Bulgarian Nurses' Association;
- The National Association of Nurses of Cuba;
- The National Association of Trained Nurses of France;
- The National Council of Trained Nurses of the Irish Free State;
- The National Council of Polish Professional Nurses.

What is known as a "Board of Directors" is made up of the officers of the Council along with the presidents of all the Affiliated National Associations. The officers of the Council are: Founder, E. Bedford Fenwick, S.R.N., Great Britain; President, Nina D. Gage, R.N.M.A., China; Treasurer, E. M. Musson, C.B.E., R.R.C., S.R.N., Great Britain; First Vice-

Financial Campaigns

The KERN ORGANIZATION is made up of a permanent staff of men working upon plans perfected after years of experience by MARY FRANCES KERN, founder of the organization and a pioneering genius of the fund raising business.

It includes capable publicists well qualified to present the institutional appeal to the public in the most convincing way.

It includes experienced organizers accustomed to the business of recruiting committees and successfully directing their productive activities.

Campaigns conducted by the KERN ORGANIZATION secure the maximum results that the field will yield. The benefit of widely successful fund raising experience is available to you without charge for consultation or inquiry. This organization will be glad to help you solve your financial problems.



Mary Frances Kern

MARY FRANCES KERN ORGANIZATION

P. S. WILLIAMS, Manager

1340 Congress Hotel

Chicago, Illinois

President, Clara D. Noyes, R.N., U.S.A.; Second Vice-President, Jean Gunn, R.N., Canada.

Miss Mabel F. Hersey, R.N., Superintendent of the Royal Victoria Hospital, Montreal, and also President of the Canadian Nurses' Association, is Chairman of the Arrangements Committee, and Miss E. Frances Upton, R.N., is Executive Secretary.

The following committees have been formed and are doing their utmost to make this, the first meeting in Canada, a success:

COMMITTEE ON PROGRAMME—Miss Jean I. Gunn, Superintendent of Nurses, General Hospital, Toronto.

COMMITTEE ON EXHIBITS AND DECORATIONS—Convener, Miss C. M. Ferguson.

COMMITTEE ON TRANSPORTATION—Convener, Miss Margaret Moag.

COMMITTEE ON PUBLICITY—Convener, Miss Ethel Sharp.

COMMITTEE ON PUBLICATIONS—Convener, Miss Olga Lilly.

COMMITTEE ON REGISTRATION—Convener, Miss Ester Beith.

COMMITTEE ON ENTERTAINMENT—Convener, Miss Mabel K. Holt.

COMMITTEE ON HOUSING—Convener, Miss Edith Hurley.

COMMITTEE ON FINANCE—Convener, Miss Jean Browne.

TREASURER—Miss Muriel McKee, Brantford General Hospital, Brantford.

Please refer to THE CANADIAN HOSPITAL when writing

News of Hospitals and Staffs

*A Condensed Monthly Summary of Hospital Activities,
and Personal News of Hospital Workers.*

*Editor's Note: Contributions of items for publication in this department will be gladly received.
Please address, The Canadian Hospital, 454 King Street West, Toronto.*

DIGBY, N.S.—Miss Laura Lane, Hansport, who has been night nurse in the Digby Hospital, has resigned from the staff. She expects to go to Boston to take the State Nurses' Examinations.

* * *

FORT WILLIAM, ONT.—Dr. Griffiths Binning, who was for one year interne at the McKellar General Hospital, has been appointed Medical Director of the Saskatoon schools by the Board of Education of that city. Dr. Binning graduated from Toronto University in 1923, spent a year in the McKellar Hospital and later over a year and a half in the Toronto Hospital for Sick Children. In his new position Dr. Binning will have charge of the medical inspection of 7,000 school children of Saskatoon.

* * *

FORT WILLIAM, ONT.—Miss Catherine Brown, Broadview, Sask., has been appointed dietitian of the McKellar General Hospital, Fort William, Ont. Miss Brown is a graduate of the University of Saskatchewan and was, almost immediately after her graduation in 1927, appointed itinerant dietitian to hospitals in that province, having training schools for nurses but no resident dietitian. She was the first dietitian to hold this position, which is under the Government's Department of Health.

* * *

HIGH RIVER, ALTA.—Miss Mabel Macleod, who has been superintendent of the Municipal Hospital at High River since its organization in 1920 and who was for a number of years previously matron of the High River General Hospital, has resigned her position.

* * *

KINGSTON, ONT.—Miss Olive Cain, daughter of Mr. and Mrs. E. Cain, Perth, Ont., has been appointed to the staff of the Kingston General Hospital as supervisor in the Children's Hospital.

* * *

KITCHENER, ONT.—Following an illness of eight months, the death occurred on March 6th, at the Kitchener-Waterloo Hospital, of its superintendent, Dr. John J. Walters. Dr. Walters was a graduate of the University of Toronto, was for some time attached to the staff of the D.S.C.R., of London, past president of the Ontario College of Physicians and Surgeons and for the last six years has been superintendent of the K.-W. Hospital.

MONTREAL, QUE.—Miss Frances Rogers, assistant dietitian at the Royal Victoria Hospital, Montreal, resigned her position in February.

* * *

NEWCASTLE, N.B.—Miss Helen Clarke has resigned her position as operating room supervisor of the Miramichi Hospital. Miss Marjorie Driffield, R.N., has also resigned from the same hospital as night supervisor.

* * *

NEW HAZELTON, B.C.—Miss Ethel Craig, Winnipeg, has accepted the position of matron at the Hazelton Hospital. She will also have charge of the nurses' training school.

* * *

REGINA, SASK.—At the election of officers to the Saskatchewan Executive of the American College of

The BURKE ELECTRIC and X-RAY CO. Limited

Complete X-Ray and Physio-
Therapy Installations for
The Hospital

Maintenance Service
Supplies

The Kelley-Koett Co.
X-Ray Apparatus

The Burdick Corporation
Light Therapy Apparatus

The General X-Ray Co.
Morse Wave Generator, Audotor, etc.

490 Yonge Street
Toronto 5
Kingsdale 5520

219 Medical
Arts Bldg.
Montreal

Please refer to THE CANADIAN HOSPITAL when writing

Surgeons, recently held in Regina, Dr. Thos. W. Leask, Moose Jaw, was elected as head of the executive for the coming year. Dr. C. M. Henry, Regina, was named secretary, and Dr. James F. Irving, Yorkton, councillor.

* * *

TORONTO, ONT.—For the past four years in charge of the special heart clinic which he organized at the Western Hospital, Toronto, Dr. S. R. D. Hewitt has accepted the superintendency of the Regina General Hospital. Dr. Hewitt is a graduate of the University of Toronto and was the first silver medallist of the Faculty of Medicine in 1914. He has been a resident of Toronto since 1903.

* * *

VANCOUVER, B.C.—At the annual convention of the American College of Surgeons, which was held in Vancouver in February, the following officers were elected for the Vancouver section:

British Columbia: Dr. A. W. Hunter, Vancouver, chairman; Dr. J. W. Arbuckle, Vancouver, secretary; Dr. F. W. Green, Cranbrook, councillor.

* * *

VICTORIA, B.C.—Succeeding Dr. J. W. Lennox, Dr. Gordon Kenning has been elected president of the consulting staff of St. Joseph's Hospital. Dr. J. H. Moore was named vice-president, and Dr. Rundle Nelson, secretary.

* * *

WEST ADVOCATE, N.S.—Miss Constance E. Collins, B.Sc. (Household Economics), Acadia, class 1928, has accepted the position of assistant dietitian and instructor in dieto-therapy in St. John's Hospital, Brooklyn, New York.

New Brunswick Inaugurates Hospital Association

The officers of the recently organized New Brunswick Hospital Association are as follows:

Honourary President, Hon. Dr. Taylor, Provincial Minister of Health; President, John A. Reid, Fredericton; Vice-President, A. A. Chapman, Moncton; Secretary-Treasurer, Colonel T. G. Loggie, Fredericton.

The following are the members of the executive committee, which has a representative from each hospital:

Judge E. B. McLatchey, Soldiers' Memorial Hospital, Campbellton; G. Percy Burchill, Miramichi Hospital, Newcastle; A. Robertson, Moncton Public Hospital; Dr. Collins, River Glade Sanatorium; George Gilbert, James Dunn Hospital, Bathurst; M. E. Agar, M.L.A., General Public Hospital, St. John; Dr. H. A. Ferris, St. John County Hospital, St. John; S. D. Granville, Chipman Memorial Hospital, St. Stephen; W. H. Teed, Fisher Memorial Hospital, Woodstock, and Mayor W. G. Clark, Victoria Public Hospital, Fredericton.

Please refer to THE CANADIAN HOSPITAL when writing



"Paragon Brand"

Highest Standard

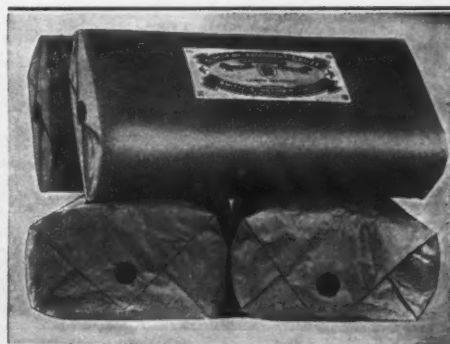
**Surgical Dressings
Gauze Cotton
Bellevue Rolls**

—
"Dalmoplast"
Adhesive Plasters

—
Superior Quality

SMITH & NEPHEW
LIMITED

468 ST. PAUL STREET WEST
MONTREAL



A DIRECTORY OF EQUIPMENT AND SUPPLIES FOR HOSPITAL BUYERS

For Convenient Reference the Listings are Divided into Six Sections as follows:

SECTION A—Page 46**Building Equipment.****SECTION C—Page 55****Clinical and Scientific Equipment and Supplies.****SECTION E—Page 63****Food Service Equipment, Utensils and Supplies.****SECTION B—page 49****Office Equipment, General Equipment, Furnishings and Supplies.****SECTION D—Page 61****Laundry Equipment and Supplies.****SECTION F—Page 66****Foods and Beverages.****SECTION A***Building Equipment***AIR CONDITIONING SYSTEMS**

Darling Bros., Ltd., Montreal.
Canadian Blower & Forge Co., Ltd., Kitchener, Ont.
Linde Canadian Refrigeration Co., Ltd., Montreal.
B. F. Sturtevant Co. of Canada, Ltd., Galt, Ont.

AUDITORIUM SEATS

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby.
Canadian Office & School Furniture Co., Ltd., Preston, Ont.
Globe Furniture Co., Ltd., Waterloo, Ont.
Valley City Seating Co., Ltd., Dundas, Ont.

AUTOMATIC SPRINKLERS

Automatic Sprinkler Co. of Canada, Ltd., Montreal.
Grinnell Co. of Canada, Ltd., Toronto.
W. J. McGuire, Limited, Toronto.

BATHROOM ACCESSORIES

Empire Brass Mfg. Co., Ltd., Toronto.
Canadian Brass Co., Ltd., Galt, Ont.
Crane, Ltd., Montreal.
Gendron Mfg. Co., Ltd., Toronto.
James Morrison Brass Mfg. Co., Ltd., Toronto.
Mueller Limited, Sarnia, Ont.
James Robertson Co., Ltd., Toronto.
Standard Sanitary Mfg. Co., Ltd., Toronto.
Wallaceburg Brass & Iron Mfg. Co., Ltd., Wallaceburg, Ont.

BATTERIES, STORAGE

Burgess Battery Co., Niagara Falls, Ont.
Canadian National Carbon Co., Ltd., Toronto.
Exide Batteries of Canada, Ltd., Toronto.
Prest-O-Lite Co. of Canada, Ltd., Toronto.

CABINETS, METAL

Metal Craft Co., Ltd., Grimsby, Ont.
Office Specialty Mfg. Co., Ltd., Newmarket, Ont.
Steel Equipment Co., Ltd., Ottawa.

CALL SYSTEMS

Northern Electric Co., Ltd., Montreal.
Chicago Signal Co., Chicago.
Connecticut Telephone & Electrical Co., Meriden, Conn.
Holtzer-Cabot Electric Co., Roxbury, Mass.

CHUTES

Mathews Conveyor Co., Ltd., Port Hope, Ont.
Mahaffy Iron Works, Toronto.

CLOCKS, TIME RECORDER

International Business Machines Co., Ltd., Toronto.

COLD STORAGE ROOMS

Canadian Ice Machine Co., Ltd., Toronto.
J. L. Wilson & Sons, Toronto.

DRINKING FOUNTAINS

Architectural Bronze & Iron Works, Toronto.
Crane, Limited, Montreal.
Mueller, Limited, Sarnia, Ont.
Port Hope Sanitary Mfg. Co., Ltd., Toronto.

DUMBWAITERS

Darling Bros., Ltd., Montreal.
Mathews Conveyor Co., Ltd., Port Hope, Ont.
Otis-Fensom Elevator Co., Ltd., Hamilton.
Turnbull Elevator Co., Ltd., Toronto.
Roelofson Elevator Works, Galt, Ont.

ELEVATORS, PASSENGER

Darling Bros., Ltd., Montreal.
Otis-Fensom Elevator Co., Ltd., Hamilton.
Turnbull Elevator Co., Ltd., Toronto.

ELEVATORS, FREIGHT

Darling Bros., Ltd., Montreal.
Otis-Fensom Elevator Co., Ltd., Hamilton.
Turnbull Elevator Co., Ltd., Toronto.

FANS, CEILING AND PORTABLE

Canadian Westinghouse Co., Ltd., Hamilton.
Northern Electric Co., Ltd., Montreal.
Canadian General Electric Co., Ltd., Toronto.
Robbins & Myers Co. of Canada, Ltd., Brantford, Ont.

FILTERS, WATER

Permutit Co., New York.

FIRE ALARMS

Northern Electric Co., Ltd., Montreal.
Holtzer-Cabot Electric Co., Roxbury, Mass.

FIRE EXTINGUISHERS

Foamite-Childs of Canada, Ltd., Toronto.
Pyrene Mfg. Co. of Canada, Ltd., Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

FIRE PROTECTION APPARATUS

B. H. Montgomery Hose Reel Co., Toronto.
Northern Electric Co., Ltd., Montreal.
Pyrene Mfg. Co. of Canada, Ltd., Toronto.

FIXTURES, ELECTRICAL

T. Eaton Co., Limited, Toronto.
Northern Electric Co., Ltd., Montreal.
Robert Simpson Co., Ltd., Toronto.
Tallman Brass & Metal, Ltd., Hamilton.
W. H. Banfield & Sons, Toronto.
Robt. Mitchell Co., Ltd., Montreal.
Jas. Morrison Brass Mfg. Co., Ltd., Toronto.
Standard Bronze Co., Ltd., Toronto.

GAUGES

Darling Bros., Ltd., Montreal.

INCINERATORS

Engineering & Machine Works of Canada, Ltd., St. Catharines, Ont.
Wm. Hamilton Co., Ltd., Peterborough, Ont.
MacKinnon Steel Co., Ltd., Sherbrooke, Que.

LADDERS

McFarlane Mfg. Co., Ltd., Toronto.
Stratford Mfg. Co., Ltd., Stratford, Ont.

LAMPS, INCANDESCENT

Canadian Westinghouse Co., Ltd., Hamilton.
Northern Electric Co., Ltd., Montreal.
Canadian General Electric Co., Ltd., Toronto.
Canadian Laco Lamps, Ltd., Montreal.
Dalyte Electric, Ltd., Guelph.
Solex Company, Ltd., Montreal.

LIGHTING SYSTEMS, COMPLETE

Delco Light Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Northern Electric Co., Ltd., Montreal.
Canadian Fairbanks-Morse Co., Ltd., Montreal.

LINOLEUM, BATTLESHIP

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Dominion Oilcloth & Linoleum Co., Ltd., Montreal.

LOCKERS, STEEL

Metal Craft Co., Ltd., Grimsby, Ont.
Office Specialty Mfg. Co., Ltd., Toronto.
Dennis Wire & Iron Goods Co., Ltd., London, Ont.
Dominion Steel Equipment Co., Toronto.
Steel Equipment Co., Ltd., Ottawa.

OIL HEATING SYSTEMS

Darling Bros., Ltd., Montreal.
Fess Oil Burners of Canada, Ltd., Toronto.

PUMPS

Darling Bros., Ltd., Montreal.

PLUMBING SUPPLIES

Empire Brass Mfg. Co., Ltd., Toronto.
Crane Limited, Montreal.
Purdy-Mansell, Ltd., Toronto.
James Robertson Co., Ltd., Toronto.
Standard Sanitary Mfg. Co., Ltd., Toronto.
Port Hope Sanitary Mfg. Co., Ltd., Port Hope, Ont.

RADIATORS

Dominion Radiator & Boiler Co., Ltd., Toronto.
Gurney Foundry Co., Ltd., Toronto.
King, Warden, Limited, Montreal.
Pease Foundry Co., Ltd., Toronto.
Taylor-Forbes Co., Ltd., Guelph, Ont.

REFRIGERATORS

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Sanderson-Harold Co., Ltd., Paris, Ont.
Canadian Jewett Refrigerator Co., Bridgeburg, Ont.
James Davidson's Sons, Ottawa.
Thos. Davidson Mfg. Co., Ltd., Montreal.
Eureka Mfg. Co., Ltd., Owen Sound, Ont.
Linde Canadian Refrigeration Co., Ltd., Montreal.

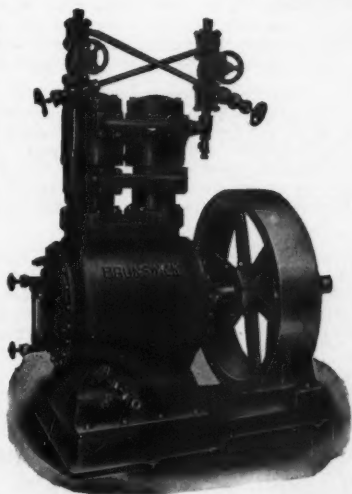
REFRIGERATING MACHINERY

Canadian Ice Machine Co., Ltd., Toronto.
Frigidaire Corporation, Toronto.
J. L. Wilson & Sons, Toronto.

Continued on Page 48

BRUNSWICK-KROESCHELL

Refrigerating Equipment



is installed and is giving complete satisfaction in many hospitals

For hospitals, Brunswick-Kroeschell Carbonic Anhydride Refrigerating Equipment is recognized as standard, although there are cases where ammonia may be satisfactorily employed.

Probably no other institution must be so particular in the selection of a refrigerating system as a modern hospital. It is one of the most important parts of the entire mechanical equipment.

This is a highly specialized field and facilities must be provided for cooling main general storage refrigerators, diet kitchens, laboratory and drug refrigerators, and mortuary compartments. In addition to this, drinking water should be cooled and circulated, and sufficient ice made for ice packs, kitchen use, ice cream making, etc.

Brunswick-Kroeschell Refrigeration is furnished in either the carbonic anhydride or ammonia system to suit individual requirements.

The services of our engineers are at your disposal in the proper selection of your refrigerating equipment.

Canadian Distributors

J. L. WILSON & SONS

Refrigerating Engineers

2742 Dundas Street West

TORONTO, CANADA

Please refer to THE CANADIAN HOSPITAL when writing

Keith Electric Refrigerator Co., Ltd., Toronto.
Kelvinator Co. of Canada, London, Ont.
Linde Canadian Refrigeration Co., Ltd., Montreal.

SCREENS

Door, Porch, Window

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Sanderson-Harold Co., Ltd., Paris, Ont.
Aluminum Bronze Screen Co., Toronto.
B. Greening Wire Co., Ltd., Hamilton.
Ham Brothers Limited, Brantford, Ont.
Higgin Mfg. Co., Toronto.

SCRUBBING MACHINES

Dustbane Products, Limited, Ottawa.
Finnell System, Inc., Elkhart, Ind.

SHOWERS, SINKS, URINALS

Empire Brass Mfg. Co., Ltd., Toronto.
Crane Limited, Montreal.
Purdy-Mansell, Ltd., Toronto.
James Robertson Co., Ltd., Toronto.
Standard Sanitary Mfg. Co., Ltd., Toronto.
Port Hope Sanitary Mfg. Co., Ltd., Port Hope, Ont.

STAIR TREADS

Darling Brothers, Ltd., Montreal.

STEAM SPECIALTIES

Darling Bros., Ltd., Montreal.
C. A. Dunham Co., Ltd., Toronto.
Jenkins Bros., Ltd., Montreal.
Penberthy Injector Co., Ltd., Windsor, Ont.
Riley Engineering & Supply Co., Ltd., Toronto.

STEEL SHELVING

Office Specialty Mfg. Co., Ltd., Toronto.

STERILIZERS

Castle, Wilmot Company, Rochester, N.Y.
J. F. Hartz Co., Ltd., Toronto.
Kny-Scheerer Corporation, New York.
Robert Simpson Co., Ltd., Toronto.
American Sterilizer Co., Erie, Pa.
Barnstead Still & Sterilizing Co., Inc., Boston.
Scanlan-Morris Company, Madison, Wis.
Bramhall Deane Co., New York.

STILLS, WATER

Castle, Wilmot Company, Rochester, N.Y.
Kny-Scheerer Corporation, New York.
Barnstead Mfg. Co., Boston.
Barnstead Still & Sterilizer Co., Inc., Boston.

TANKS

Darling Bros., Ltd., Montreal.

TELEPHONES, INTERCOMMUNICATING

Northern Electric Co., Ltd., Montreal.
Canadian Telephone & Supplies, Ltd., Toronto.
Stromberg-Carlson Telephone Mfg. Co. of Canada, Ltd., Toronto.

VACUUM CLEANERS

Stationary

B. F. Sturtevant Co. of Canada, Ltd., Galt, Ont.

VALVES

Darling Bros., Ltd., Montreal.

VAULT DOORS

J. & J. Taylor, Ltd., Toronto.
Goldie & McCulloch Co., Ltd., Galt.

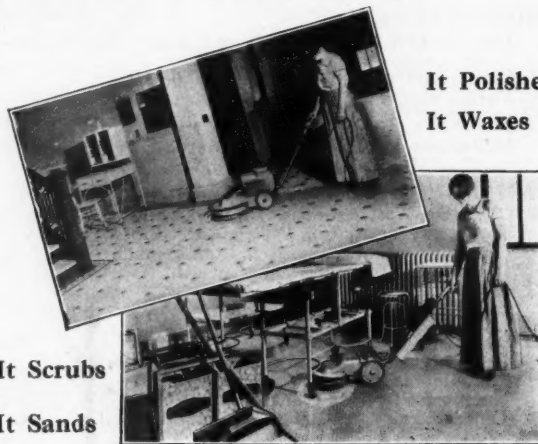
WATER SOFTENERS

Permutit Co., New York.
Canadian Allis-Chalmers, Ltd., Toronto.
McLelland Engineering Co., Toronto.
Riley Engineering & Supply Co., Ltd., Toronto.
Wayne Pump & Tank Co., Ltd., Toronto.

WEATHERSTRIPS

Chamberlain Metal Weatherstrip Co., Ltd., Kingsville, Ont.
Higgin Mfg. Co., Toronto.
Wm. Peace Co., Ltd., Hamilton.
Swan Mfg. Co., Winnipeg.
Window Strip & Supply Co., Montreal.

"It is much more QUIET -- the deciding factor in our case"



It Polishes
It Waxes

It Scrubs

It Sands

QUIET is almost as important and essential in a hospital as cleanliness and sanitation. The remarkable quietness of the FINNELL Scrubber-Polisher is, therefore, one of its most desirable features to hospital superintendents and caretakers. Noise is minimized to the extent that the FINNELL may be said to be practically noiseless. It is easy to operate, too—no danger in handling.

As for its real work—waxing and polishing or scrubbing floors—there is nothing to equal the FINNELL. It is vastly superior to hand methods. The superintendent of nurses in a large Canadian hospital says: "Our FINNELL is one of the best investments we ever made." From a large Detroit hospital comes the word: "We would not consider running our hospital without the aid of such a machine."

Whether your floor area be a few hundred square feet or a half million square feet; whether your floors be of terrazzo, wood, linoleum, rubber, tile, cement or composition; whether you scrub or polish your floors; whether you use men or women operators; there is a just right FINNELL for you among the eight different models.

May we send one of our engineers to look over your floors and tell you whether or not a FINNELL will serve you and just which FINNELL it would be? The investigation will cost you nothing and obligate you in no way. It merely helps us to help you. For full information address

DUSTBANE PRODUCTS LIMITED

130 Sparks Street Ottawa, Ontario, Canada

Branches: Montreal Winnipeg Vancouver

FINNELL
ELECTRIC FLOOR MACHINE

Please refer to THE CANADIAN HOSPITAL when writing

SECTION B

GENERAL EQUIPMENT, FURNISHINGS AND SUPPLIES

ACCOUNTING SYSTEMS

Office Specialty Mfg. Co., Ltd., Toronto.
Kardex, Ltd., Toronto.
R. J. Lovell Co., Ltd., Toronto.
Physicians' Record Co., Chicago, Ill.

ADDING MACHINES

Burroughes Adding Machine Co. of Canada, Ltd., Toronto.
United Typewriter Co., Ltd., Toronto.

APRONS, NURSES'

Corbett-Cowley, Ltd., Toronto.

Aprons, Men's Work

J. A. Haugh Mfg. Co., Ltd., Toronto.
Palmer, McLellan Shoe Pack Co., Fredericton, N.B.
Scythes & Co., Ltd., Toronto.

Aprons, Rubber

J. F. Hartz Co., Ltd., Toronto.
Canadian Consolidated Rubber Co., Ltd., Montreal.
Dunlop Tire & Rubber Goods Co., Ltd., Toronto.
Transparent Rubber Goods Co., Ltd., Galt, Ont.

AWNINGS

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.

BANDAGE CUTTERS

Eastman Machine Co., Buffalo.
Brown Engineering Corp'n, Ltd., Toronto.
H. Naimin Co., New York.
W. J. Westaway Co., Ltd., Hamilton.

BASKETS, WASTE

Dustbane Products, Ltd., Ottawa.
Office Specialty Mfg. Co., Ltd., Toronto.
Soclean, Limited, Toronto.
Steel Equipment Co., Ltd., Ottawa.

BATH ROBES

Corbett-Cowley, Ltd., Toronto.
Caulfield, Burns & Gibson, Ltd., Toronto.
Comfort Kimono Mfg. Co., Montreal.

BEDS, DRESSERS, CHAIRS

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Canadian Furniture Mfrs., Ltd., Woodstock, Ont.
Dominion Furniture Mfrs., Ltd., Ste. Therese, Que.
Gibbard Furniture Shops, Ltd., Napanee, Ont.
Hespeler Furniture Co., Ltd., Hespeler, Ont.
McLagan Furniture Co., Ltd., Stratford, Ont.
Simmons Limited, Montreal.

OFFICE EQUIPMENT for the Hospital

Your hospital rating is greatly enhanced by a well equipped office and record-keeping system. Office Specialty has equipped scores of hospitals throughout Canada with time saving record-keeping systems and equipment. Let us give you the benefit of our knowledge and experience in this phase of our service.

Tell us your filing or record-keeping problem and we will give you the facts on how to solve it most effectively. Complete office equipment service.

**WE MAKE AND SELL DIRECT:**

Desks
Chairs
Filing Cabinets
X-Ray Files
Steel Counter Files
Steel Shelving
Safes
Steel Storage Cabinets
Visible Record Systems
Card Index Supplies

Ask for particulars on our complete
line of Steel Files

OFFICE SPECIALTY MFG. CO.

Home Office and Factories:
NEWMARKET, ONT.

Branches: TORONTO, OTTAWA, MONTREAL
QUEBEC, HALIFAX, HAMILTON, WINNIPEG, REGINA
CALGARY, VANCOUVER

Please refer to THE CANADIAN HOSPITAL when writing

BILLING MACHINES

Burroughes Adding Machine Co. of Can., Ltd., Toronto.
United Typewriter Co., Ltd., Toronto.

BLANKETS**Wool**

Ayers Limited, Lachute Mills, Que.
T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Skelton Woollen Mills, Co. Toronto.
Barrington Woollen Mills, Barrington, N.S.
Bates & Innes, Ltd., Carleton Place, Ont.
Boyd Caldwell & Co., Ltd., Perth, Ont.
Harvey Bros., Limited, Montreal.
Kenwood Mills, Ltd., Arnprior, Ont.
Penmans Limited, Paris, Ont.
Slingsby Mfg. Co., Ltd., Brantford.
Stanfields Limited, Truro, N.S.

BLANKETS**Cotton**

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Canadian Cottons, Ltd., Montreal.
Dominion Textile Co., Ltd., Montreal.

BOARDS, BULLETIN

Art Interchangeable Sign Co., Ltd.
Canada Decalcomania Co., Ltd., Toronto.
Universal Register Co., Chicago.

BOOKCASES, SECTIONAL

Office Specialty Mfg. Co., Ltd., Toronto.
Canada Furniture Mfrs., Ltd., Woodstock.
Globe-Wernicke Co., Ltd., Stratford.

BROOMS

Associated Chemical Co. of Canada, Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
Canada Broom Co., Montreal.
Canadian National Institute for the Blind, Toronto.
Fuller Brush Co., Ltd., Hamilton.
Perfection Sanitary Brush Co., Toronto.
Soclean Limited, Toronto.

BRUSHES**Cleaning**

Associated Chemical Co. of Canada, Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
Boeckh Co., Ltd., Toronto.
Canada Brush Co., Ltd., St. John, N.B.
Fuller Brush Co., Ltd., Hamilton.
S. C. Johnson & Son, Ltd., Brantford.
T. S. Simms & Co., Ltd., St. John, N.B.
Soclean Limited, Toronto.
Twistwire Brushes, Ltd., Toronto.

Paint

Boeckh Co., Ltd., Toronto.
Canada Brush Co., Ltd., St. John, N.B.
London Brush Co., Ltd., London.
Meakins Sons, Ltd., Hamilton.
A. Muirhead Co., Ltd., Toronto.
Rubberet Co., Ltd., Toronto.
T. S. Simms & Co., Ltd., St. John, N.B.

CABINETS**Chart, History**

Metal Craft Co., Ltd., Grimsby.
Office Specialty Mfg. Co., Ltd., Toronto.
J. & J. Taylor, Ltd., Toronto.
Scanlon-Morris Co., Madison, Wis.

CAFE FURNITURE

I. G. Pickering Co., Ltd., Toronto.
Sani-Products Co., Ltd., Toronto.
J. B. Watson Furniture Co., Ltd., Kincardine, Ont.

CAPS, NURSES'

Corbett-Cowley, Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.

CASTERS

Brantford Oven & Rack Co., Ltd., Brantford.
National Hardware Co., Ltd., Orillia, Ont.
Toronto Lock Mfg. Co., Toronto.

CASTERS, SLIDING

Metal Craft Co., Ltd., Grimsby, Ont.
Bond Engineering Works, Ltd., Toronto.
Brantford Oven & Rack Co., Ltd., Brantford, Ont.
Canada Foundries & Forgings, Ltd., Brockville, Ont.
Onward Mfg. Co., Ltd., Kitchener, Ont.

CHAIRS, WHEEL

T. Eaton Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Gendron Mfg. Co., Ltd., Toronto.

CLEANSING AGENTS**Hand**

Associated Chemical Co. of Canada, Ltd., Toronto.
E. W. Gillett Co., Ltd., Toronto.
Albert Soaps, Ltd., Montreal.
Alpha Chemical Co., Ltd., Kitchener, Ont.
Canadian Chemical Co., Ltd., Vancouver.
Snap Co., Ltd., Montreal.
Soclean Limited, Toronto.

Kitchen, Floor, etc.

Associated Chemical Co. of Canada, Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
E. W. Gillett Co., Ltd., Toronto.
Alpha Chemical Co., Ltd., Kitchener, Ont.
Bon-Ami, Ltd., Montreal.
Cudahy Packing Co., Toronto.
Diamond Cleanser, Ltd., Toronto.
J. B. Ford Co., Wyandotte, Mich.
Imperial Oil, Ltd., Toronto.
S. F. Lawrason & Co., London, Ont.
Royal Crown Soaps, Ltd., Winnipeg.
Snap Co., Ltd., Montreal.
Soclean Limited, Toronto.

Water Pipe

Associated Chemical Co. of Canada, Ltd., Toronto.
Canadian Germicide Co., Ltd., Toronto.
E. W. Gillett Co., Ltd., Toronto.
J. B. Ford Co., Wyandotte, Mich.

Drain Pipe

Associated Chemical Co. of Canada, Ltd., Toronto.
E. W. Gillett Co., Ltd., Toronto.

CLOTHING, COOKS'

Corbett-Cowley, Ltd., Toronto.
Miller Mfg. Co., Ltd., Toronto.

COMFORTERS

Canadian Feather & Mattress Co., Ltd., Toronto.
Corbett-Cowley, Ltd., Toronto.
Globe Bedding Co., Ltd., Winnipeg.
Geo. H. Hees, Son & Co., Ltd., Toronto.
Montreal Feather & Down Co., Montreal.
National Mattress, Felt & Bating Co., Toronto.
Toronto Feather & Down Co., Ltd., Toronto.

COOLERS, WATER

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Thos. Davidson Mfg. Co., Ltd., Montreal.
Perfection Cooler Co., Ltd., Toronto.
G. H. Wood & Co., Toronto.

COTS, METAL

Atlas Metal Bed Mfg. Co., Ltd., Montreal.
Canadian Mersereau Co., Ltd., Toronto.
Ives Bedding Co., Ltd., Cornwall.
Simmons Limited, Montreal.
Stratford Bed Co., Ltd., Stratford.

CURTAIN MATERIAL

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.

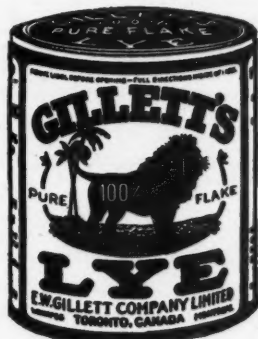
Please refer to THE CANADIAN HOSPITAL when writing

Hospital Superintendents

should instruct their Nurses and Domestics
to use

GILLETT'S PURE FLAKE LYE

for disinfecting sinks, closets and drains. It is also ideal for the cleansing of urinals and bed pans—in fact, any vessel that requires disinfecting. Gillett's Flake Lye should always be used for scrubbing hospital bath tubs and operating room floors.



For cleansing and disinfecting, dissolve one teaspoonful of Gillett's Lye in two gallons of water. The fine crystal flakes dissolve instantly in hot or cold water.

Beware of Imitations

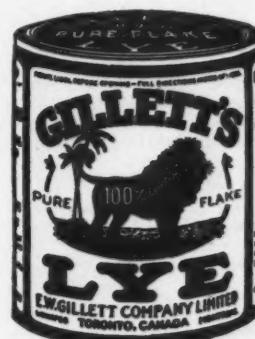
Made only by

E. W. GILLETT COMPANY LIMITED

TORONTO, CANADA

WINNIPEG

MONTREAL



Daly & Morin, Ltd., Montreal.
Geo. H. Hees, Son & Co., Ltd., Toronto.
Lace Goods Co., Ltd., Toronto.
Prime & Rankin, Ltd., Toronto.

CURLED HAIR FOR MATTRESSES

Delaney & Pettit, Ltd., Toronto.

CUTTERS, GAUZE

Eastman Machine Co., Buffalo.
J. F. Hartz Co., Ltd., Toronto.
Brown Engineering Corp., Ltd., Toronto.
H. Naimin Co., Inc., New York.
W. J. Westaway Co., Ltd., Hamilton.

DESKS

Office Specialty Mfg. Co., Ltd., Toronto.
Canada Furniture Mfrs., Ltd., Woodstock, Ont.
Canadian Office & School Furniture Co., Ltd., Preston, Ont.
Globe-Wernicke Co., Ltd., Stratford, Ont.

DISINFECTANTS

Associated Chemical Co. of Canada, Ltd., Toronto.
Canadian Germicide Co., Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
J. F. Hartz Co., Ltd., Toronto.
Lehn & Fink (Canada), Ltd., Toronto.
Capo Polishes, Ltd., Hamilton.
Hygiene Products, Ltd., Montreal.
Lambert Pharmacal Co., Toronto.
Liquid Soap & Sanitary Products, Ltd., Toronto.
Polusterine Products Co. of Canada, Ltd., Toronto.
Soclean Limited, Toronto.
West Disinfecting Co., Montreal.
Woods Chemicals, Ltd., Montreal.

DISPENSERS

Liquid Soap

Associated Chemical Co. of Canada, Ltd., Toronto.
Canadian Germicide Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Liquid Soap & Sanitary Products, Ltd., Toronto.
Soclean Limited, Toronto.

FILING EQUIPMENT

Office Specialty Mfg. Co., Ltd., Toronto.
Canada Furniture Mfrs., Ltd., Woodstock, Ont.
Canadian Office & School Furniture Co., Ltd., Preston, Ont.
Globe-Wernicke Co., Ltd., Stratford, Ont.
Steel Equipment Co., Ltd., Ottawa.

FINANCIAL CAMPAIGNS

Mary Frances Kern Organization, Chicago.
Pierce & Hedrick, Inc., New York.
Ward, Wells & Dreshman, New York.

FLOOR POLISH AND WAX

Associated Chemical Co. of Canada, Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
Capo Polishes, Ltd., Hamilton.
Channell, Ltd., Toronto.
Geo. Cooke Co., Ltd., Toronto.
Imperial Oil, Ltd., Toronto.
S. C. Johnson & Son, Ltd., Brantford, Ont.
Reckitts (Oversea), Ltd., Montreal.
Soclean Limited, Toronto.
Sturgeons, Ltd., Toronto.

GLOVES, RUBBER, HOUSEHOLD

J. F. Hartz Co., Ltd., Toronto.
Sterling Rubber Co., Ltd., Guelph, Ont.
Canadian Consolidated Rubber Co., Ltd., Montreal.
Ontario Rubber Co., Toronto.
Transparent Rubber Goods Co., Ltd., Galt, Ont.

GOWNS: PATIENTS', OPERATING

Corbett-Cowley, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Bland & Co., Ltd., Montreal.

INSECT POWDERS

Associated Chemical Co. of Canada, Ltd., Toronto.
Alpha Chemical Co., Ltd., Kitchener, Ont.
G. H. Wood & Co., Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

INVALID CHAIRS

T. Eaton Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Gendron Mfg. Co., Ltd., Toronto.

LABELS, WOVEN

J. & J. Cash, Inc., Belleville.
Narrow Fabric Weaving & Dyeing, Ltd., Galt, Ont.

LABORATORY FURNITURE

Canadian Laboratory Supplies, Ltd., Toronto.
Central Scientific Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Canadian Office & School Furniture Co., Ltd., Preston, Ont.
Fisher Scientific Co., Ltd., Montreal.
Sani-Products Co., Ltd., Toronto.

LADDERS, STEP

McFarlane Mfg. Co., Ltd., Toronto.

LINENS, BED

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Canadian Cottons, Ltd., Montreal.
Dominion Linens, Ltd., Guelph, Ont.
Dominion Textile Co., Ltd., Montreal.

LINEN MARKING EQUIPMENT

Beaver Laundry Machinery Co., Ltd., Toronto.
Meyer Bros. Laundry Machinery Co., Toronto.
Applegate Chemical Co., Chicago.
National Marking Machine Co., Cincinnati.

MATS AND MATTING, RUBBER

Selberling Rubber Co. of Canada, Ltd., Toronto.
Canadian Consolidated Rubber Co., Ltd., Montreal.
Canadian I. T. S. Rubber Co., Ltd., Toronto.
Dunlop Tire & Rubber Goods Co., Ltd., Toronto.
Gutta Percha & Rubber, Ltd., Toronto.

MATTRESS COVERS

Corbett-Cowley, Ltd., Toronto.
Marshall Ventilated Mattress Co., Ltd., Toronto.

MATTRESSES

Canadian Feather & Mattress Co., Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Marshall Ventilated Mattress Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Arrow Bedding, Ltd., Toronto.
Canadian Bedding Co., Edmonton.
Fischman Spring Co., Ltd., Kitchener, Ont.
Globe Bedding Co., Toronto.
Gold Medal Bedding Co., Ltd., Montreal.
Simmons, Ltd., Montreal.
Standard Bedding Co., Ltd., Toronto.
Waterloo Bedding Co., Ltd., Waterloo, Ont.

MEMORIAL TABLETS

Tallman Brass & Metal, Ltd., Hamilton.
Architectural Bronze & Iron Works, Toronto.
Dominion Bronze & Iron, Ltd., Winnipeg.
Robt. McCausland, Ltd., Toronto.
Robt. Mitchell Co., Ltd., Montreal.
Patterson & Heward, Ltd., Toronto.
J. G. Tickell & Sons, Toronto.

MIRRORS

Consolidated Plate Glass Co. of Canada, Ltd., Toronto.
Hobbs Mfg. Co., Ltd., London, Ont.
Ontario Plate Glass, Ltd., Hamilton.
Toronto Plate Glass Importing Co., Ltd., Toronto.

MOPS, COTTON

Dustbane Products, Ltd., Ottawa.
American Broom Co., St. Basile, Que.
Canada Broom Co., Montreal.
T. S. Simms & Co., Ltd., St. John, N.B.
Soclean Limited, Toronto.
Tarbox Bros., Toronto.

NAMES, WOVEN

J. J. Cash, Inc., Belleville.
Narrow Fabric Weaving & Dyeing, Ltd., Galt.

OIL CLOTH, TABLE AND FLOOR

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Dominion Oilcloth & Linoleum Co., Ltd., Montreal.

OVERTHROWS

Ayers Limited, Lachute, Mills, Que.

PAILS, GALVANIZED

Dustbane Products, Ltd., Ottawa.
General Steel Wares, Ltd., London, Ont.
Sheet Metal Products Co. of Canada, Ltd., Toronto.
Soclean Limited, Toronto.
Thos. Davidson Mfg. Co., Ltd., Montreal.
E. T. Wright Co., Ltd., Hamilton.

PAILS, WOODEN

Associated Chemical Co. of Canada, Ltd., Toronto.
Dustbane Products, Ltd., Ottawa.
Wm. Cane & Sons Co., Ltd., Newmarket, Ont.
Keenan Woodenware Mfg. Co., Ltd., Owen Sound.
Pacific Box Co., Ltd., Vancouver.
Soclean Limited, Toronto.

PAPER GOODS**Crepe Paper**

Interlake Tissue Mills Co., Ltd., Toronto.
Dennison Mfg. Co., Framingham, Mass.

Paper Cups

Canadian Wm. A. Rogers, Ltd., Toronto.
Hygienic Products, Ltd., Montreal.
G. H. Wood & Co., Toronto.

Napkins, Tray Covers

Interlake Tissue Mills Co., Ltd., Toronto.
Dennison Mfg. Co., Framingham, Mass.
E. B. Eddy Co., Ltd., Hull, Que.
Hygiene Products, Ltd., Montreal.

Toilet Tissues

Associated Chemical Co. of Canada, Ltd., Toronto.
Interlake Tissue Mills Co., Ltd., Toronto.
E. B. Eddy Co., Ltd., Hull, Que.
Garden City Paper Mills Co., St. Catharines, Ont.
Victoria Paper & Twine Co., Ltd., Toronto.

Paper Towels

Associated Chemical Co. of Canada, Ltd., Toronto.
Interlake Tissue Mills Co., Ltd., Toronto.
Dennison Mfg. Co., Framingham, Mass.
Hygiene Products, Ltd., Montreal.
G. H. Wood & Co., Toronto.

PILLOWS

Canadian Feather & Mattress Co., Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Fischman Spring Co., Kitchener, Ont.
Globe Bedding Co., Ltd., Winnipeg.
Geo. H. Hees, Son & Co., Ltd., Toronto.
Montreal Feather & Down Co., Ltd., Montreal.
Simmons, Limited, Montreal.
Standard Bedding Co., Ltd., Toronto.
Toronto Feather & Down Co., Ltd., Toronto.

PINS, NURSES'

A. E. Edwards, Toronto.
Ellis Brothers, Ltd., Toronto.
Trophy Craft, Ltd., Toronto.

RECEPTION ROOM FURNITURE

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Art Furniture Co., Ltd., Kitchener, Ont.
Canada Furniture Mfrs., Ltd., Woodstock, Ont.
Eastern Furniture Co., Ltd., Victoriaville, Que.
Elmira Furniture Co., Ltd., Elmira, Ont.
Gibbard Furniture Shops, Ltd., Napanee, Ont.
McLagan Furniture Co., Ltd., Stratford, Ont.
North America Furniture Co., Ltd., Owen Sound, Ont.

Please refer to THE CANADIAN HOSPITAL when writing

The New Seiberling
NON-BURN *Hospital Water Bottle*
will NOT Burn the Patient

HOSPITAL Superintendents who have looked for a solution of the serious complaints presented by patients who have been burned by ordinary hot water bottles will welcome the Seiberling Non-Burn — Hotter Water Bottle.

Made with a studded surface like a rubber massage brush—it forms an air cushion and permits the use of water as hot as you can get it. It is the only bottle of its kind. With any ordinary bottle 130 degrees is about the limit of safety unless the bottle is covered, in which case the intense healing heat goes into the cover — not into the body.

Nearly two thousand Thermo-Nubs keep the surface of the bottle away from the body, yet they make an air cushion of intense dry healing heat. They are comfortable and velvety to the touch.

Order from your hospital supply house or write direct to—

**SEIBERLING
RUBBER COMPANY
OF CANADA
LIMITED
PATTON ROAD
TORONTO**



Please refer to THE CANADIAN HOSPITAL when writing

REGISTERS**Nurses', Physicians', etc.**

Art Interchangeable Sign Co., Toronto.
Universal Register Co., Chicago.

RUGS, TRAVELLING

Ayers, Limited, Lachute Mills, Que.

CUSHIONS AND RINGS

J. F. Hartz Co., Ltd., Toronto.
Seiberling Rubber Co. of Canada, Ltd., Toronto.
Canadian Consolidated Rubber Co., Ltd., Montreal.
Ingram & Bell, Ltd., Toronto.

SAFES

Office Specialty Mfg. Co., Ltd., Toronto.
J. & J. Taylor Co., Ltd., Toronto.
Goldie & McCulloch Co., Ltd., Galt, Ont.

SCRUBBING MACHINES

Dustbane Products, Ltd., Ottawa.
Finnell System, Inc., Elkhart, Ind.

SHOES, SCIENTIFIC

Natural Tread Shoes Distributing Co., Ltd., Toronto
Cantilever Shoe Shops, Toronto.
Walk-Over Boot Shop, Toronto.

SOAPS, ANTISEPTIC LIQUID

Associated Chemical Co. of Canada, Ltd., Toronto.
Canadian Germicide Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Beaver Soap Co., Ltd., Winnipeg.
Liquid Soap & Sanitary Products Co., Toronto.
West Disinfecting Co., Montreal.
Woods Chemicals, Ltd., Toronto.

SOAPS, CHIP

Albert Soap, Ltd., Montreal.
Beaver Soap Co., Ltd., Winnipeg.
Guelph Soap Co., Ltd., Guelph, Ont.
Palmolive Mfg. Co., Ltd., Toronto.
Proctor & Gamble Co. of Canada, Ltd., Toronto.
Soclean Limited, Toronto.

SOAP DISPENSERS

Canadian Germicide Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Liquid Soap & Sanitary Products Co., Toronto.
Polusterine Products of Canada, Ltd., Toronto.
Soclean Limited, Toronto.

SOAPS, TOILET

Albert Soaps, Ltd., Montreal.
Colgate & Co., Ltd., Montreal.
Gold Dust Corp., Ltd., Montreal.
Andrew Jergens Co., Ltd., Perth, Ont.
Lever Bros., Ltd., Toronto.
Palmolive Mfg. Co., Ltd., Toronto.
Proctor & Gamble Co. of Canada, Ltd., Toronto.
Royal Crown Soaps, Ltd., Montreal.
John Taylor & Co., Ltd., Toronto.

SPRINGS, WIRE BED

Marshall Ventilated Mattress Co., Ltd., Toronto.
Colleran Spring Bed Co., Ltd., Toronto.
Dominion Bedstead Co., Ltd., Montreal.
Gold Medal Furniture Co., Ltd., Toronto.
Ives Bedding Co., Ltd., Cornwall, Ont.
Leggatt & Platt Spring Bed Co., Ltd., Windsor, Ont.
Simmons, Ltd., Montreal.
Steel Furnishing Co., Ltd., New Glasgow.
Way Sagless Spring Co., Ltd., Toronto.

SPRING, BOX

Canadian Feather & Mattress Co., Ltd., Toronto.
Marshall Ventilated Mattress Co., Ltd., Toronto.
Arrow Bedding, Ltd., Toronto.
Colleran Spring Bed Co., Ltd., Toronto.

PRE-SHRUNK BLANKETS

for

HOSPITALS

Also complete line of
Blanket Overthrows
(Whipped or Satin Bound)

*Initials or other identification
marks embroidered in goods
at a moderate extra charge.*

**Have been supplying some of the largest
Hospitals and Hotels in Canada.**

AYERS LIMITED

*Sole Manufacturers of the
Celebrated "Ayers" All-Wool Blankets*
LACHUTE MILLS, P.Q.

Gold Medal Bedding Co., Ltd., Montreal.
Ideal Bedding Co., Ltd., Toronto.
Leggatt & Platt Spring Bed Co., Ltd., Windsor, Ont.
Simmons, Limited, Montreal.
Waterloo Bedding Co., Ltd., Waterloo, Ont.

TABLES, BEDSIDE, STEEL

J. F. Hartz Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Ingram & Bell, Ltd., Toronto.
Sani-Products Co., Ltd., Toronto.
Steel Equipment Co., Ltd., Ottawa.

TOWELS AND TOWELLING**Linen and Union**

Caldwell Linen Mills, Ltd., Iroquois, Ont.
Dominion Fabrics, Ltd., Dunnville, Ont.
Dominion Linens, Ltd., Guelph, Ont.

Cotton

Dominion Fabrics, Ltd., Dunnville, Ont.
Dominion Linens, Ltd., Guelph, Ont.
Dominion Textile Co., Ltd., Montreal.
Montreal Cottons, Ltd., Valleyfield, Que.
Stauffer-Dobbie, Ltd., Galt, Ont.

UNIFORMS, NURSES'

Corbett-Cowley, Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Bland & Co., Ltd., Montreal.
Hampton Mfg. Co., Ltd., Montreal.

WINDOW SHADES

T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Daly & Morin, Ltd., Montreal.
Geo. H. Hees, Son & Co., Ltd., Toronto.

WRINGERS, MOP

Dustbane Products, Ltd., Ottawa.
Soclean Limited, Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

SECTION C

CLINICAL *and* SCIENTIFIC EQUIPMENT AND SUPPLIES

ABSORBENT COTTON

Canadian Laboratory Supplies, Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Herdt & Charton, Inc., Montreal.
Hygienic Fibre Co., Inc., New York.
Lewis Mfg. Co. of Canada, Ltd., Montreal.
Robert Simpson Co., Ltd., Toronto.
Smith & Nephew, Ltd., Montreal.
Hygienic Products, Ltd., Montreal.
Johnson & Johnson, Ltd., Montreal.

ABSORBENT GAUZE

J. F. Hartz Co., Ltd., Toronto.
Hygienic Fibre Co., Inc., New York.
Lewis Mfg. Co. of Canada, Ltd., Montreal.
Smith & Nephew, Ltd., Montreal.
Cellucotton Products Co., Chicago.

ADHESIVE PLASTER

Canadian Laboratory Supplies, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Lewis Mfg. Co. of Canada, Ltd., Montreal.
Smith & Nephew, Ltd., Montreal.
Johnson & Johnson, Ltd., Montreal.

ALCOHOL

Ethyl, Grain, Rubbing
Canadian Industrial Alcohol Co., Ltd., Montreal.
Gooderham & Worts, Ltd., Toronto.
Standard Chemical Co., Ltd., Toronto.

AMBULANCES

General Motors Corp., Ltd., Oshawa.
A. B. Greer & Son, London, Ont.
Smith Brothers, Toronto.

ANATOMICAL CHARTS

Central Scientific Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Denoyer-Geppert Co., Chicago.
Kny-Scheerer Corp., New York.

NITROUS OXIDE ETHYLENE MEDICAL OXYGEN ANESTHETIC EQUIPMENT CHENEY CHEMICALS

LIMITED

180 DUKE STREET

TORONTO

ANESTHETICS, CHLOROFORM, ETHER

J. F. Hartz Co., Ltd., Toronto.
Mallinckrodt Chemical Works, Ltd., Montreal.
Canada Chemical Works, Ltd., Montreal.
Ethical Drug Products, Ltd., Toronto.
J. A. MacDonald, Phm.B., Toronto.
E. R. Squibb & Sons, New York.

ANESTHETIC GASES

Cheney Chemicals, Ltd., Toronto.
Queen City Dental Mfrs., Ltd., Toronto.
Ohio Chemical & Mfg. Co., Cleveland.

ANESTHESIA APPARATUS

Cheney Chemicals, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Toledo Technical Appliance Co., Toledo, Ohio.
Ohio Chemical & Mfg. Co., Cleveland.
Queen City Dental Mfrs., Ltd., Toronto.
Safety Anesthesia Apparatus Concern, Chicago.

ARC LAMPS

Acme International X-Ray Co., Chicago.
Burke Electric & X-Ray Co., Toronto.
M. B. Evans X-Ray Co., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Victor X-Ray Corporation, Chicago and Toronto.
Chas. A. Branstion Co., Toronto.
Britesun, Inc., Chicago.
Burdick Cabinet Co., Milton, Wis.
General X-Ray Co., Boston.
Hanovia Chemical & Mfg. Co., Newark, N.J.
Sanitarium & Hospital Equipment Co., Battle Creek, Mich.
Standard Engeln Corporation, Cleveland.

ATOMIZERS

Canadian Consolidated Rubber Co., Ltd., Montreal.
DeVilbiss Mfg. Co., Ltd., Windsor, Ont.

BARIUM SULPHATE

Acme-International X-Ray Co., Chicago.
Burke Electric & X-Ray Co., Toronto.
M. B. Evans X-Ray Co., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Mallinckrodt Chemical Works, Ltd., Montreal.
Merck & Co., Inc., Montreal.
Victor X-Ray Corporation, Toronto.
Kelley-Koett Mfg. Co., Inc., Covington, Ky.
H. W. McCurdy Co., Toronto.
Dick X-Ray Co., St. Louis, Mo.

BASSINETTES

Metal Craft Co., Ltd., Grimsby, Ont.
Eastern Furniture Co., Ltd., Victoriaville, Que.
Gem Crib & Cradle, Ltd., Kitchener, Ont.
Lea-Trimble Mfg. Co., Toronto.
Scanlan-Morris Co., Madison, Wis.

BATH TUBS**Stationary**

Port Hope Sanitary Mfg. Co., Ltd., Port Hope, Ont.
Jas. Robertson Co., Ltd., Montreal.
Standard Sanitary Mfg. Co., Ltd., Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

BEDS, ADJUSTABLE

T. Eaton Co., Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Robert Simpson Co., Ltd., Toronto.
Simmons, Ltd., Montreal.

BLANKET WARMERS

J. F. Hartz Co., Ltd., Toronto.
American Sterilizer Co., Erie, Pa.
Crane Company, Ltd., Montreal.
Scanlan-Morris Co., Madison, Wis.

BOOKS, MEDICAL AND NURSING

J. F. Hartz Co., Ltd., Toronto.
Blakiston's Son & Co., Philadelphia.
J. B. Lippincott Co., Montreal.
Macmillan Co. of Canada, Ltd., Toronto.
William Wood & Co., New York.

BOTTLES

J. F. Hartz Co., Ltd., Toronto.
Beaver Flint Glass Co. of Toronto, Ltd., Toronto.
Dominion Glass Co., Ltd., Montreal.
Richards Glass Co., Ltd., Toronto.

Hot Water

Seiberling Rubber Co. of Canada, Ltd., Toronto.
Canadian Consolidated Rubber Co., Ltd., Montreal.

CHARTS

Central Scientific Co. of Canada, Ltd., Toronto.
Denoyer-Geppert Co., Chicago.
J. F. Hartz Co., Ltd., Toronto.

CHEMICAL REAGENTS

Canadian Laboratory Supplies, Ltd., Toronto.
Central Scientific Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Fisher Scientific Co., Ltd., Montreal.

COTTON, ABSORBENT

See firms listed under "Absorbent Cotton."

COTS, All Kinds

J. F. Hartz Co., Ltd., Toronto.
Sterling Rubber Co., Ltd., Guelph, Ont.

CUTTERS, BANDAGE AND GAUZE

Eastman Machine Co., Buffalo.
J. F. Hartz Co., Ltd., Toronto.
Naimin Co., Inc., New York.
Universal Cutter Co., St. Louis.

DENTAL INSTRUMENTS

Ash Temple Co., Ltd., Toronto.
S. S. White Co. of Canada, Ltd., Toronto.

DENTAL STERILIZERS

J. F. Hartz Co., Ltd., Toronto.
Kny-Scheerer Corp., New York.
Wilmot Castle Co., Rochester, N.Y.
American Sterilizer Co., Erie, Pa.
Bramhall-Deane Co., New York.
Scanlan-Morris Co., Madison, Wis.

DENTAL SUPPLIES

Ash Temple Co., Ltd., Toronto.
L. D. Caulk Co. of Canada, Ltd., Toronto.
Crown Dental Laboratory, Toronto.
Dominion Dental Mfg. Co., Montreal.
Goldsmith Bros. Smelting & Refining Co., Ltd., Toronto.
S. S. White Co. of Canada, Ltd., Toronto.

DEEP THERAPY LAMPS

Acme-International X-Ray Co., Chicago.
Burke Electric & X-Ray Co., Toronto.
M. B. Evans X-Ray Co., Detroit.
J. F. Hartz Co., Ltd., Toronto.
Victor X-Ray Corp. of Canada, Ltd., Toronto.
Branston, Chas. A., Ltd., Toronto.
Britesun, Inc., Chicago.

DEVELOPING TANKS

Buck X-Ograph Co., St. Louis.
Burke Electric & X-Ray Co., Ltd., Toronto.

DIATHERMY APPARATUS

Acme-International X-Ray Co., Chicago.
Burke Electric & X-Ray Co., Toronto.
M. B. Evans X-Ray Co., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Branston, Chas. A., Ltd., Toronto.
General X-Ray Company, Boston.

DIPLOMAS

Ames & Rollinson, New York.
Alexander & Cable Lithographing Co., Ltd., Toronto.
Midland Bank Note Co., Des Moines, Ia.

DOLLS, HOSPITAL

Denoyer-Geppert Co., Chicago.
J. F. Hartz Co., Ltd., Toronto.
M. J. Chase, Pawtucket, R.I.

DRESSINGS, SURGICAL

Herdt & Charton, Inc., Montreal.
J. F. Hartz Co., Ltd., Toronto.
Hygienic Fibre Co., Inc., New York.
Lewis Mfg. Co. of Canada, Ltd., Montreal.
Smith & Nephew, Ltd., Montreal.

DRAINAGE TUBING

Canadian Laboratory Supplies, Ltd., Toronto.
Central Scientific Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Herdt & Charton, Inc., Montreal.
Sterling Rubber Co., Ltd., Guelph, Ont.
Transparent Rubber Goods Co., Toronto.

ENAMELWARE, SURGICAL

J. F. Hartz Co., Ltd., Toronto.
Kny-Scheerer Corporation of America, New York.
L. D. Cahn Co., New York.
Vollrath Co., Cheboygan, Wis.
Wright & Co., Montreal.

FORMS, HISTORY, RECORD

J. F. Hartz Co., Ltd., Toronto.
Faithorn Co., Chicago.
R. J. Lovell Co., Ltd., Toronto.

FURNITURE, STEEL

T. Eaton Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Office Specialty Mfg. Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Scanlan-Morris Co., Madison, Wis.
Simmons, Limited, Montreal.
Steel Equipment Co., Ltd., Ottawa.

GAUZE CUTTERS

Eastman Machine Co., Buffalo, N.Y.
Naimin Co., Inc., New York.
Universal Cutter Co., St. Louis.

GLASSWARE**Surgical, Complete Line**

Canadian Laboratory Supplies, Ltd., Toronto.
Central Scientific Co. of Canada, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Fisher Scientific Co., Ltd., Montreal.
V. Mueller & Co., Chicago.
Richards Glass Co., Ltd., Toronto.

GLOVES, SURGEONS', NURSES'

Canadian Laboratory Supplies, Ltd., Toronto.
J. F. Hartz Co., Ltd., Toronto.
Sterling Rubber Co., Ltd., Guelph, Ont.
Canadian Consolidated Rubber Co., Ltd., Montreal.
Transparent Rubber Goods Co., Ltd., Toronto.

HOT WATER BOTTLES

J. F. Hartz Co., Ltd., Toronto.
Seiberling Rubber Co. of Canada, Ltd., Toronto.

HYDROTHERAPY BATHS

Crane Company, Ltd., Montreal.
Standard Sanitary Mfg. Co., Ltd., Toronto.

Continued on Page 58

Please refer to THE CANADIAN HOSPITAL when writing

Laboratory Ovens & Incubators

FREAS

ELECTRIC HEAT AUTOMATICALLY CONTROLLED



No. 100

This Freas Electric Oven No. 100 meets all requirements for the very best — in this type of laboratory equipment. Every provision has been made in its design to insure accurate, convenient, and dependable operation. It is fitted with a patented Freas thermo-regulator, which automatically maintains the temperature constant within one-half degree at any point on the scale from room heat to 180° C. The service chamber measures 12x12x12 inches; shelves are adjustable; a twist of a knurled knob sets the regulator at any desired temperature; a glass window in the door allows inspection of the contents without opening the oven; double walls of asbestos transite well insulate the oven against heat losses; and the heaters are of the highest grade resistance wire. Also available in larger sizes.

If unable to procure through your regular dealer write to us direct.



No. 26

Freas Electric Incubator No. 26, pictured above, will consistently maintain the proper temperature conditions for incubation, and safeguards valuable cultures. It is also frequently used for paraffin work. In general construction it is similar to Freas Oven No. 100, and is provided with a Freas thermo-regulator which automatically maintains the temperature constant with $\frac{1}{2}$ ° C. To permit inspection of the contents without exposure, it is equipped with a full size inner glass door in addition to the outside door, and an incandescent lamp, externally operated, illuminates the interior. The service chamber measures 12x12x12 inches, and larger sizes are available. It is furnished complete with connection cord and plug.



No. 14

Where a low-priced oven is desired, and extremely close temperature regulation is not essential, Freas Oven No. 14 is recommended. It is substantially constructed with single walls of asbestos transite panels. A bi-metallic regulator automatically maintains the temperature constant within 1° C of the setting. Its operating range is from room temperature to 130° C. The service chamber measures 10x10x12 inches, and is equipped with two adjustable shelves. The oven is furnished complete with cord and plug. A larger oven, No. 15, of the same design but with a service chamber 18x12x14 inches.

CANADIAN AGENTS FOR ALL CANADA EXCEPT BRITISH COLUMBIA

CANADIAN LABORATORY SUPPLIES, LIMITED
437-439 King Street West
TORONTO 2 - ONTARIO

Please refer to THE CANADIAN HOSPITAL when writing

IDENTIFICATION METHODS**Name Strips**

Johnson & Johnson, Ltd., Montreal.

Necklaces

Deknatel, J. A., & Son, Inc., Queen's Village, Long Island, N.Y.

INSTRUMENTS**Illuminated**

J. F. Hartz Co., Ltd., Toronto.
 Kny-Scheerer Corporation, New York.
 Electro-Surgical Instrument Co., Rochester, N.Y.
 Ingram & Bell, Ltd., Toronto.
 V. Mueller & Co., Chicago.

Operating

T. Eaton Co., Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Kny-Scheerer Corporation, New York.
 Robert Simpson Co., Ltd., Toronto.
 Frank S. Betz Co., Hammond, Ind.
 Ingram & Bell, Ltd., Toronto.
 The Stevens Companies, Ltd., Toronto.
 White X-Ray & Surgical Supply Co., Toronto.

INSTRUMENTS, SCIENTIFIC

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 T. Eaton Co., Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Hughes-Owens Co., Ltd., Montreal.
 Kny-Scheerer Corporation, New York.
 Robert Simpson Co., Ltd., Toronto.
 White X-Ray & Surgical Supply Co., Toronto.
 Frank S. Betz Co., Hammond, Ind.
 Taylor Instrument Companies, Ltd., Toronto.
 Bausch & Lomb Optical Co., Rochester.

KNIVES**Detachable Blades**

Bard-Parker Co., Inc., New York.
 J. F. Hartz Co., Ltd., Toronto.

LABORATORY EQUIPMENT**Apparatus and Supplies**

Canadian Laboratory Supply Co., Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Hughes Owens Co., Ltd., Montreal.
 Fisher Scientific Co., Ltd., Montreal.

METABOLISM APPARATUS

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Toledo Technical Appliance Co., Toledo, Ohio.

MATERNITY PADS

Lewis Mfg. Co. of Canada, Ltd., Montreal.
 Smith & Nephew, Ltd., Montreal.

MECHANOTHERAPY**Massage Applicators**

Burke Electric & X-Ray Co., Toronto.
 Victor X-Ray Corporation, Toronto.

MICROSCOPES AND ACCESSORIES

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Hughes Owens Co., Ltd., Montreal.
 Denoyer-Geppert Co., Chicago.
 Bausch & Lomb Optical Co., Rochester.
 Fisher Scientific Co., Ltd., Montreal.
 Spencer Lens Co., Buffalo.
 White X-Ray & Surgical Supply Co., Toronto.

MUSEUM JARS

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 Fisher Scientific Co., Ltd., Montreal.

PHARMACEUTICAL PREPARATIONS**Including Makers of Specialties and General Lines**

DeShell Laboratories of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Herdt & Charton, Inc., Montreal.
 Lehn & Fink (Canada), Ltd., Toronto.
 Mallinckrodt Chemical Works, Ltd., Montreal.
 Merck & Co., Inc., Montreal.
 Abbott Laboratories, Toronto.
 Arlington Chemical Co., Yonkers, N.Y.
 Carter, Cummings & Co., Toronto.
 Chas. E. Frost & Co., Montreal.
 Frank W. Horner, Ltd., Montreal.
 Ingram & Bell, Ltd., Toronto.
 Lyman's, Limited, Montreal.
 H. K. Mulford Co., Philadelphia.
 National Drug & Chemical Co. of Canada, Ltd., Montreal.
 Parke, Davis & Co., Walkerville.
 E. R. Squibb & Sons, New York.
 Frederick Stearns & Co. of Canada, Ltd., Windsor.
 Henry K. Wampole & Co., Ltd., Perth.
 W. R. Warner & Co., Ltd., Toronto.
 Waterbury Chemical Co. of Canada, Ltd., Toronto.
 Wingate Chemical Co., Ltd., Montreal.

QUARTZ LAMPS

Acme International X-Ray Co., Chicago.
 Burke Electric & X-Ray Co., Toronto.
 M. B. Evans X-Ray Co., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Victor X-Ray Corporation, Toronto.
 Chas. A. Branston Co., Toronto.
 Britesun, Inc., Chicago.
 Burdick Cabinet Co., Milton, Wis.
 General X-Ray Co., Boston.
 Hanovia Chemical & Mfg. Co., Newark, N.J.
 Sanitarium & Hospital Equipment Co., Battle Creek, Mich.
 Standard Engeln Corporation, Cleveland.

RINGS AND PILLOWS, RUBBER

J. F. Hartz Co., Ltd., Toronto.
 Seiberling Rubber Co. of Canada, Ltd., Toronto.
 Canadian Consolidated Rubber Co., Ltd., Montreal.

SCALES, BABY

J. F. Hartz Co., Ltd., Toronto.
 Canadian Fairbanks-Morse Co., Ltd., Montreal.
 International Business Machines Co., Ltd., Toronto.

SHEETING, RUBBER

J. F. Hartz Co., Ltd., Toronto.
 Canadian Consolidated Rubber Co., Ltd., Montreal.
 Dunlop Tire & Rubber Goods Co., Ltd., Toronto.
 I. B. Kleinert Rubber Co., Toronto.
 Ontario Rubber Co., Toronto.
 Transparent Rubber Goods Co., Ltd., Galt, Ont.

STAINS

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Fisher Scientific Co., Ltd., Montreal.

STEREOPTICONS

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Hughes Owens Co., Ltd., Montreal.
 Bausch & Lomb Optical Co., Rochester.
 Fisher Scientific Co., Ltd., Montreal.
 E. H. Sargent & Co., Chicago.
 Spencer Lens Co., Buffalo.

STEREOSCOPES

Acme International X-Ray Co., Chicago.
 Burke Electric & X-Ray Co., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 M. B. Evans X-Ray Co., Detroit.
 Hughes Owens & Co., Ltd., Montreal.
 Victor X-Ray Corporation, Toronto.
 Fisher Scientific Co., Ltd., Montreal.
 General X-Ray Co., Boston.
 Standard Engeln Corporation, Cleveland.

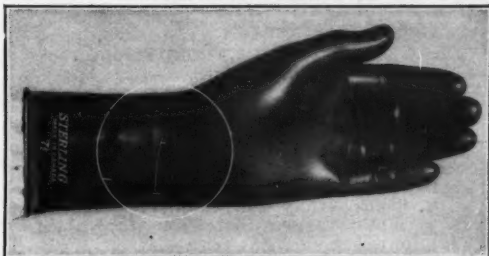
STERILIZERS

Canadian Laboratory Supplies, Ltd., Toronto.
 Castle, Wilmot Co., Rochester, N.Y.
 J. F. Hartz Co., Ltd., Toronto.
 Kny-Scheerer Corporation, New York.

Please refer to THE CANADIAN HOSPITAL when writing

Sterling

SURGEONS' GLOVES



A Well Fitting Glove Inspires Confidence

Sterling Surgeons' Gloves clasp the wrist snugly and comfortably.

Selected materials, the most modern equipment and expert workmen are all important factors in developing this "Sterling" product.

Sterling Rubber Company LIMITED

GUELPH - CANADA

Largest Specialists in SEAMLESS Rubber Gloves
in the British Empire

The Old Established Hospital Supply House

Specializing in

*Clinical and Scientific
Equipment and Supplies,
Pharmaceuticals, Drugs,
Microscopic Goods*

Write us for particulars regarding anything
you may require.

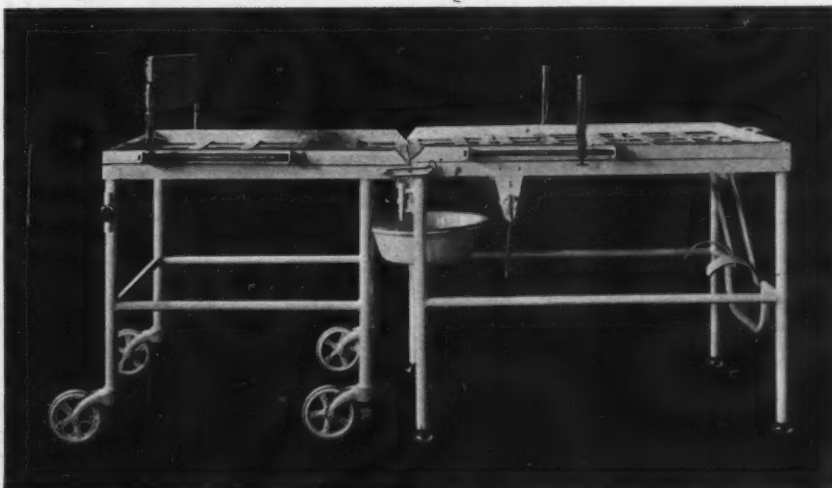
The J. F. HARTZ Co. LIMITED

24-26 Hayter St.
TORONTO

24 McGill College Ave.
MONTREAL

OBSTETRICAL BED

Size—Head Section 30 x 40 inches. Foot or Separable Section 30 x 32 inches. Height 30 inches. Provided with screw raising device which is quiet and certain. Has adjustable back rest, pressure adjustable foot board, leg holders and adjustable hand pulls. Foot Section equipped with special lock castors. Head Section mounted on large glass glides. Has swinging catch basin. All working parts nickel plated. Finished in white enamel.—Write for Quotations.



No. 2016

THE METAL CRAFT COMPANY, LIMITED

Manufacturers of Hospital Equipment

GRIMSBY, ONTARIO

Please refer to THE CANADIAN HOSPITAL when writing

American Sterilizer Co., Erie, Pa.
 Barnstead Mfg. Co., Boston.
 Barnstead Still & Sterilizer Co., Inc., Boston.
 Bramhall Deane Co., New York.
 Scanlan-Morris Co., Madison, Wis.
 Max Woche & Sons Co., Cincinnati, Ohio.

STERILIZERS

Hot Oil

Castle, Wilmot Co., Rochester, N.Y.
 J. F. Hartz Co., Ltd., Toronto.
 Barnstead Still & Sterilizer Co., Boston.

STERILIZER CONTROLS

A. W. Diack, Detroit, Mich.

STETHOSCOPES

J. F. Hartz Co., Ltd., Toronto.
 Northern Electric Co., Ltd., Montreal.

SUDIPHONES

Northern Electric Co., Ltd., Montreal.

SURGICAL AND MEDICAL Supply Dealers

J. H. Chapman Co., Ltd., Montreal.
 J. F. Hartz Co., Ltd., Toronto.
 Herdt & Charton, Inc., Montreal.
 Kny-Scheerer Corporation, New York.
 Ingram & Bell, Ltd., Toronto.
 Lymans, Limited, Montreal.
 J. Stevens & Son Co., Ltd., Toronto.
 White X-Ray & Surgical Supply Co.,

SURGICAL PUMPS

Toledo Technical Appliance Co., Toledo, Ohio.

SUTURES

Davis & Geck, Inc., Brooklyn, N.Y.
 J. F. Hartz Co., Ltd., Toronto.
 Herdt & Charton, Inc., Montreal.
 Johnson & Johnson, Ltd., Montreal.

SYRINGES

Glass

Canadian Laboratory Supplies, Ltd., Toronto.
 Central Scientific Co. of Canada, Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Herdt & Charton, Inc., Montreal.
 Hughes Owens Co., Ltd., Montreal.
 Beckton, Dickinson & Co., Rutherford, N.J.
 Fisher Scientific Co., Ltd., Montreal.
 Max Woche & Sons Co., Cincinnati, Ohio.

TABLES, OPERATING

J. F. Hartz Co., Ltd., Toronto.
 Kny-Scheerer Corporation, New York.
 Frank S. Betz Co., Hammond, Ind.
 Scanlan-Morris Co., Madison, Wis.

THERMOMETERS, CLINICAL

Central Scientific Co. of Canada, Ltd., Toronto.
 T. Eaton Co., Ltd., Toronto.
 J. F. Hartz Co., Ltd., Toronto.
 Herdt & Charton, Inc., Montreal.
 Hughes Owens Co., Ltd., Montreal.
 Robert Simpson Co., Ltd., Toronto.
 Fisher Scientific Co., Ltd., Montreal.
 Taylor Instrument Co., Toronto.
 White X-Ray & Surgical Supply Co., Toronto.

WASTE RECEPTACLES

J. F. Hartz Co., Ltd., Toronto.
 Metal Craft Co., Ltd., Grimsby, Ont.
 General Steel Wares, Ltd., London, Ont.
 Scanlan-Morris Co., Madison, Wis.
 Soclean Limited, Toronto.

X-RAY APPARATUS

Acme International X-Ray Co., Chicago.
 Burke Electric & X-Ray Co., Toronto.
 M. B. Evans X-Ray Co., Toronto.

Victor X-Ray Corporation of Canada, Ltd., Toronto.
 General X-Ray Co., Boston.
 Kelley-Koett Mfg. Co., Inc., Covington, Ky.

X-RAY FILM CABINETS

Burke Electric & X-Ray Co., Toronto.
 Office Specialty Mfg. Co., Ltd., Toronto.
 J. & J. Taylor, Ltd., Toronto.

X-RAY PLATES, FILMS

Acme International X-Ray Co., Chicago.
 Buck X-Ograph Co., St. Louis.
 Burke Electric & X-Ray Co., Toronto.
 M. B. Evans X-Ray Co., Toronto.
 Victor X-Ray Corporation of Canada, Ltd., Toronto.
 Canadian Kodak Co., Ltd., Toronto.
 White X-Ray & Surgical Supply Co., Toronto.

Classroom Equipment

Dissectible Models,
 Charts, Bone Studies, Dolls, Specimens and Slides
 for
 Anatomy, Physiology, Obstetrics, Gynecology,
 Neurology, Embryology, Otology,
 Laryngology, Etc.

Denoyer-Geppert Company

5235-57 Ravenswood Ave. - CHICAGO, ILLINOIS

Diack Controls

-for-

STERILIZATION Accepted the
 world over as a needed safety measure
 SAMPLES FREE

A. W. DIACK

5533 Woodward Ave.

DETROIT, Mic

Your Marking Problem Solved!

Cash's Names & Woven Labels

Ensure clear, neat and
 permanent identification.

SAMPLES AND PRICES ON REQUEST

J. & J. CASH, INC.

10 Grier Street

- Belleville, Ont.

CANADIAN LABORATORY SUPPLIES LIMITED



**Canada's Leading Laboratory
 Supply House**



Headquarters in Canada for Laboratory Apparatus
 and Chemical Reagents

437-439 King Street West - Toronto 2, Ont.

SECTION D

LAUNDRY EQUIPMENT AND SUPPLIES

ALKALIES

Beaver Laundry Machinery Co., Ltd., Toronto.
Canadian Laundry Machinery Co., Ltd., Toronto.
Meyer Bros. Laundry Machinery Co., Toronto.
Brunner, Mond Canada, Ltd., Montreal.
J. B. Ford Co., Wyandotte, Mich.

AMMONIA

Alpha Chemical Co., Ltd., Kitchener, Ont.
Canada Colors & Chemicals, Ltd., Toronto.
S. F. Lawrason & Co., London.
Pugsley, Dingman & Co., Ltd., Toronto.

BASKETS, LAUNDRY

Beaver Laundry Machinery Co., Ltd., Toronto.
Beatty Bros., Ltd., Fergus, Ont.
Brantford Willow Works, Brantford, Ont.
Canadian National Institute for the Blind, Toronto.
Willow Art Furniture Mfrs., Winnipeg.
Stratford Mfg. Co., Ltd., Stratford, Ont.

BINS, SORTING

Beaver Laundry Machinery Co., Ltd., Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Geo. B. Meadows, Ltd., Toronto.
Geo. Sparrow & Co., Toronto.
Dennis Wire & Iron Works Co., Ltd., London, Ont.
Steel Equipment Co., Ltd., Ottawa.

BLEACH, LAUNDRY

Beaver Laundry Machinery Co., Ltd., Toronto.
Canadian Laundry Machinery Co., Ltd., Toronto.
Canadian Salt Co., Ltd., Windsor.

CAUSTIC SODA

Beaver Laundry Machinery Co., Ltd., Toronto.
Canadian Laundry Machinery Co., Ltd., Toronto.
Meyer Bros. Laundry Machinery Co., Toronto.
Canadian Salt Co., Ltd., Windsor, Ont.
Howard Smith Paper Mills, Ltd., Montreal.
J. B. Ford Co., Wyandotte, Mich.

DETERGENTS

Beaver Laundry Machinery Co., Ltd., Toronto.
Canadian Laundry Machinery Co., Ltd., Toronto.
Meyer Bros. Laundry Machinery Co., Toronto.
E. W. Gillett Co., Ltd., Toronto.
Alpha Chemical Co., Ltd., Kitchener, Ont.
J. B. Ford Co., Wyandotte, Mich.
Soclean, Limited, Toronto.

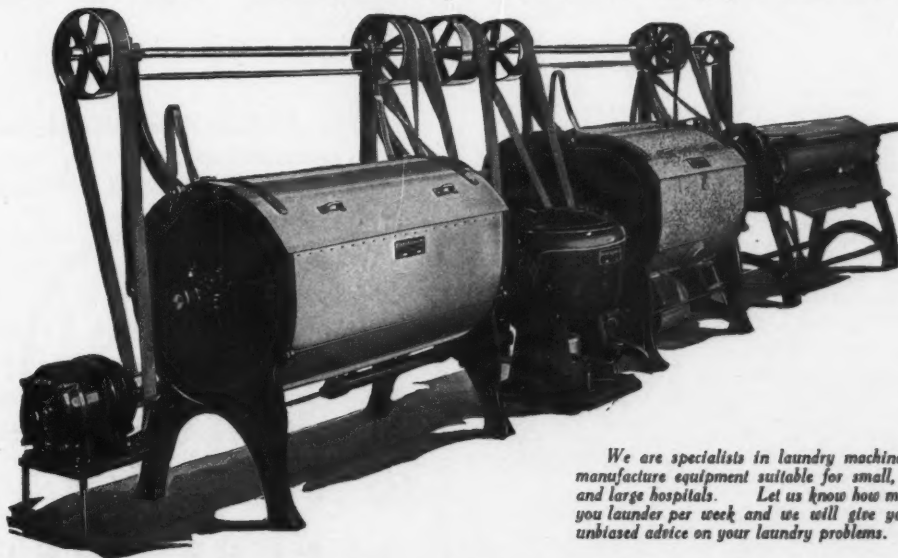
DISINFECTORS, MATTRESS, CLOTHING

Castle, Wilmet Co., Rochester, N.Y.

DRYERS

Beaver Laundry Machinery Co., Ltd., Toronto.
Canadian Laundry Machinery Co., Ltd., Toronto.
Meyer Bros. Laundry Machinery Co., Toronto.

Is Your Laundry Plant Efficient ?



We are specialists in laundry machinery. We manufacture equipment suitable for small, medium and large hospitals. Let us know how much linen you launder per week and we will give you expert, unbiased advice on your laundry problems.

The Beaver Laundry Machinery Co., Limited

MANUFACTURERS

393 SORAUREN AVENUE

TORONTO, ONT.

Please refer to THE CANADIAN HOSPITAL when writing

Geo. Sparrow & Co., Toronto.
 Sumbling Machinery Co., Ltd., Toronto.
 Premier Laundry Machinery Co., Ltd., Montreal.

ELECTRIC IRONS

Canadian Westinghouse Co., Ltd., Hamilton.
 Northern Electric Co., Ltd., Montreal.
 Canadian General Electric Co., Ltd., Toronto.
 Canadian Radiant Electric Co., Grimsby, Ont.
 National Electric Heating Co., Ltd., Toronto.

EXTRACTORS

Beaver Laundry Machinery Co., Ltd., Toronto.
 Canadian Laundry Machinery Co., Ltd., Toronto.
 Meyer Bros. Laundry Machinery Co., Toronto.
 Premier Laundry Machinery Co., Ltd., Montreal.
 Sumbling Machinery Co., Ltd., Toronto.

HEATERS, WATER

Darling Bros., Ltd., Montreal.
 Northern Electric Co., Ltd., Montreal.
 Canadian Heater Co., Hamilton.
 Clare Bros. & Co., Ltd., Preston, Ont.
 Jas. Morrison Brass Mfg. Co., Ltd., Toronto.
 Mueller, Ltd., Sarnia, Ont.
 Ruud Mfg. Co., Toronto.

INDELIBLE INK

Beaver Laundry Machinery Co., Ltd., Toronto.
 Meyer Bros. Laundry Machinery Co., Ltd., Toronto.
 Applegate Chemical Co., Chicago.
 National Marking Machinery Co., Cincinnati.
 Payson's Indelible Ink Co., Northampton, Mass.

IRONING MACHINES

Beaver Laundry Machinery Co., Ltd., Toronto.
 Canadian Laundry Machinery Co., Ltd., Toronto.
 Meyer Bros. Laundry Machinery Co., Ltd., Toronto.
 Northern Electric Co., Ltd., Montreal.
 Premier Laundry Machinery Co., Ltd., Montreal.
 Sumbling Machinery Co., Ltd., Toronto.
 Brantford Washing Machine Co., Ltd., Brantford, Ont.
 Canadian Ironing Machine Co., Ltd., Woodstock, Ont.
 Electric Household Utilities Corporation, Toronto.

LYE

E. W. Gillett Co., Ltd., Toronto.

SOAPS, LAUNDRY

Beaver Soap Co., Ltd., Winnipeg.
 Cudahy Packing Co., Toronto.
 Gold Dust Corporation, Ltd., Montreal.
 Lever Bros., Ltd., Toronto.
 Palmolive Mfg. Co., Ltd., Toronto.
 Proctor & Gamble Co. of Canada, Ltd., Toronto.
 Pugsley, Dingman & Co., Ltd., Toronto.
 St. Croix Soap Mfg. Co., Ltd., St. Stephen, N.B.

STARCH

Beaver Laundry Machinery Co., Ltd., Toronto.
 Canada Starch Co., Ltd., Montreal.
 Keever Starch Co., Columbus, Ohio.
 Pacific Starch Products, Ltd., New Westminster, B.C.

TABLES, IRONING

Beaver Laundry Machinery Co., Ltd., Toronto.
 Canadian Laundry Machinery Co., Ltd., Toronto.
 Meyer Bros. Laundry Machinery Co., Ltd., Toronto.
 Northern Electric Co., Ltd., Montreal.
 Taylor-Forbes Co., Ltd., Guelph, Ont.

WASHERS

Beaver Laundry Machinery Co., Ltd., Toronto.
 Canadian Laundry Machinery Co., Ltd., Toronto.
 Meyer Bros. Laundry Machinery Co., Ltd., Toronto.
 Northern Electric Co., Ltd., Montreal.
 Premier Laundry Machinery Co., Ltd., Montreal.
 Sumbling Machinery Co., Ltd., Toronto.
 Canadian Hoffman Machinery Co., Ltd., Toronto.
 Canadian Ironing Machine Co., Ltd., Woodstock, Ont.
 Electric Household Utilities Corp'n, Toronto.
 Guarantee Laundry Machinery Co., Winnipeg.

WATER-SOFTENING EQUIPMENT

Permutit Co., New York.
 Canadian Allis-Chalmers, Ltd., Toronto.
 McClelland Engineering Co., Toronto.
 National Equipment Co., Ltd., Toronto.
 Wayne Pump & Tank Co., Ltd., Toronto.
 W. J. Westaway Co., Hamilton.

THE MEANING OF —“that invisible stiffness”

WHEN coats, aprons, caps, gowns and uniforms are starched in the ordinary way, there are surface indications that a stiffening agent has been used—you are familiar with the most common of them “highlights”, smears, etc. But if those same garments are sized the “Satin Finish Way”—no surface smears and highlights appear—it is an *invisible* stiffness. And more than that, Satin Finish extends *clear through the fabric*—not just a surface coating—it's all through the weave, even inside the threads. That is why Satin Finish work holds up longer, is flexible and wears so much longer. Don't be satisfied with less than a finish which has “that invisible stiffness.”

The KEEVER STARCH Co.
 Hospital Department
 COLUMBUS, OHIO, U.S.A.



1/3 PURE WHEAT
 2/3 TEXTILE SIZE
 ---blended in solution

Please refer to THE CANADIAN HOSPITAL when writing

SECTION E

FOOD SERVICE EQUIPMENT AND SUPPLIES

ALUMINUM WARE

Aluminum Co. of Canada, Ltd., Toronto.
Geo. Sparrow & Co., Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Aluminum Ware Mfg. Co., Ltd., Oakville, Ont.
Cassidy's, Ltd., Montreal.

BREAD RACKS

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Co., Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Brantford Oven & Rack Co., Ltd., Brantford.
Regal Kitchens, Ltd., Montreal.

BREAD AND MEAT SLICERS

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Co., Toronto.
Wrought Iron Range Co., Ltd., Toronto.
A. J. Deere Co., Ltd., Toronto.
Gurney Foundry Co., Ltd., Toronto.
Hobart Mfg. Co., Toronto.
International Business Machines, Ltd., Toronto.
Regal Kitchens, Ltd., Montreal.

BUTCHER BLOCKS

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Regal Kitchens, Ltd., Montreal.
Toronto Butchers' Supply Co., Ltd., Toronto.

CABINETS, FOOD

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Wrought Iron Range Co., Ltd., Toronto.
Brantford Oven & Rack Co., Ltd., Brantford, Ont.

**HOSPITAL AND INSTITUTIONAL
Crockery, Silver and Glassware**

Distributors for

JOHN MADDOCK & SONS, LTD., ENGLAND

We specialize in Institutional Equipment and
sell direct. May we send you quotations
on any of the above lines you may require?

BRITISH & COLONIAL TRADING CO.

LIMITED

284-6 Brock Avenue - TORONTO

**GEO. R. PROWSE RANGE CO.
LIMITED**

**High-Grade Kitchen Equipment
for Hospitals, etc.**

2025 UNIVERSITY ST.

MONTREAL

Regal Kitchens, Ltd., Montreal.
Steel Equipment Co., Ltd., Ottawa.

CANOPIES, HOODS

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Metal Craft Co., Ltd., Grimsby, Ont.
Wrought Iron Range Co., Ltd., Toronto.
Brantford Oven & Rack Co., Ltd., Brantford, Ont.
General Steel Wares, Ltd., London, Ont.
Gurney Foundry Co., Ltd., Toronto.
Regal Kitchens, Ltd., Montreal.

CHOPPING MACHINES

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.

CHINA

British & Colonial Trading Co., Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Robert Simpson Co., Ltd., Toronto.
Cassidy's, Ltd., Montreal.
Nerlich & Company, Toronto.

CONVEYORS, FOOD

Mathews Conveyor Co., Ltd., Port Hope.
Metal Craft Co., Ltd., Grimsby, Ont.
Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Brantford Oven & Rack Co., Ltd., Brantford, Ont.
General Steel Wares, Ltd., London, Ont.
Regal Kitchens, Ltd., Montreal.

COOKING UTENSILS

Aluminum Co. of Canada, Ltd., Toronto.
Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Cassidy's, Ltd., Montreal.
Thos. Davidson Mfg. Co., Ltd., Montreal.
General Steel Wares, Ltd., London, Ont.
Ideal Aluminum Products, Ltd., Toronto.
Regal Kitchens, Ltd., Montreal.

COOKS' CLOTHING

Corbett-Cowley, Ltd., Toronto.

CUTLERY

British & Colonial Trading Co., Ltd., Toronto.
T. Eaton Co., Ltd., Toronto.
Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Robert Simpson Co., Ltd., Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Canadian Wm. A. Rogers, Ltd., Toronto.
Cassidy's, Ltd., Montreal.
International Silver Co. of Canada, Ltd., Toronto.
McGlashan Clark Co., Ltd., Niagara Falls, Ont.
Wm. Rogers Mfg. Co., Ltd., Niagara Falls, Ont.

DISHWASHING MACHINES

Geo. R. Prowse Range Co., Ltd., Montreal.
Geo. Sparrow & Company, Toronto.
Wrought Iron Range Co., Ltd., Toronto.
Crescent Washing Machine Co., New Rochelle, N.Y.
London Metal Products, Ltd., London, Ont.
Regal Kitchens, Ltd., Montreal.

Please refer to THE CANADIAN HOSPITAL when writing

DISHWASHING CLEANERS

Dustbane Products, Ltd., Ottawa.
 E. W. Gillett Co., Ltd., Toronto.
 Alpha Chemical Co., Ltd., Kitchener, Ont.
 Cudahy Packing Company, Toronto.
 Gold Dust Corporation, Montreal.
 Lever Brothers, Ltd., Toronto.
 Pugsley, Dingman & Co., Ltd., Toronto.
 Royal Crown Soaps, Ltd., Winnipeg.
 Soclean, Ltd., Toronto.

GLASS TUMBLERS, ETC.

British & Colonial Trading Co., Ltd., Toronto.
 Cassidy's, Ltd., Montreal.
 Consumers' Glass Co., Ltd., Ville St. Pierre, Que.
 Dominion Glass Co., Ltd., Montreal.
 Nerlich & Company, Toronto.

KETTLES, STEAM-JACKETED

Aluminum Co. of Canada, Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Booth-Coulter Copper & Brass Co., Ltd., Toronto.
 General Steel Wares, Ltd., London, Ont.
 Sheet Metal Products Co. of Canada, Ltd., Toronto.

MIXING MACHINES

Northern Electric Co., Ltd., Montreal.
 Pendrith Machinery Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Fletcher Mfg. Co., Ltd., Toronto.
 Regal Kitchens, Ltd., Montreal.

OVENS, BAKING

Hubbard Portable Oven Co., Toronto.
 Pendrith Machinery Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Brantford Rack & Oven Range Co., Ltd., Brantford, Ont.
 Fletcher Mfg. Co., Ltd., Toronto.
 Regal Kitchens, Ltd., Montreal.

PAPER GOODS

See Firm listed under Paper Goods in Section B.

POTATO PEELING MACHINES

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Regal Kitchens, Ltd., Montreal.

RANGES**Electric**

Canadian Westinghouse Co., Ltd., Hamilton, Ont.
 Northern Electric Co., Ltd., Montreal.
 Beach Foundry, Ltd., Ottawa.
 Canadian General Electric Co., Ltd., Toronto.
 General Steel Wares, Ltd., London, Ont.
 Gurney Foundry Co., Ltd., Toronto.
 Moffats, Ltd., Weston, Ont.

Gas

Pendrith Machinery Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Co., Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Beach Foundry, Ltd., Ottawa.
 Consumers' Gas Co., Toronto.
 General Steel Wares, Ltd., London, Ont.
 Regal Kitchens, Ltd., Montreal.

Heavy Duty

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Canadian General Electric Co., Ltd., Toronto.
 General Steel Wares, Ltd., London, Ont.
 Regal Kitchens, Ltd., Montreal.

REFRIGERATORS

T. Eaton Co., Ltd., Toronto.
 Sanderson-Harold Co., Ltd., Paris, Ont.
 Robert Simpson Co., Ltd., Toronto.
 Canadian Jewett Refrigerator Co., Bridgeburg, Ont.
 Eureka Refrigerator Co., Ltd., Owen Sound, Ont.
 Linde Canadian Refrigerator Co., Ltd., Montreal.
 Renfrew Refrigerator Co., Ltd., Renfrew, Ont.

REFRIGERATING MACHINERY

Canadian Ice Machine Co., Ltd., Toronto.
 Frigidaire Corp'n, Toronto.
 J. L. Wilson & Sons, Toronto.
 Keith Electric Refrigerator Co., Ltd., Leaside, Ont.
 Kelvinator of Canada, Ltd., Toronto.
 Linde Canadian Refrigerator Co., Ltd., Montreal.

SCALES, KITCHEN

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Co., Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Canadian Fairbanks-Morse Co., Ltd., Montreal.
 Canadian Toledo Scale Co., Ltd., Windsor, Ont.
 Gurney Scale Co., Ltd., Hamilton.
 International Business Machines Co., Ltd., Toronto.
 Wilson Scale & Machinery Corp'n, Ltd., Toronto.

SLICERS

See Firms Listed under Bread and Meat Slicers in this Section.

SILVER

Hollow and Flatware
 See Firms listed under Cutlery in this Section.

SINKS

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Crane, Ltd., Montreal.
 James Robertson Co., Ltd., Montreal.
 Standard Sanitary Mfg. Co., Ltd., Toronto.

TABLES, BAKERS'

Pendrith Machinery Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Brantford Oven & Rack Co., Ltd., Brantford, Ont.
 Regal Kitchens, Ltd., Montreal.

TABLES, STEAM

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Regal Kitchens, Ltd., Montreal.

TOASTERS, ELECTRIC

Canadian Westinghouse Co., Ltd., Hamilton.
 Northern Electric Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Canadian General Electric Co., Ltd., Toronto.
 Canadian Radiant Electric Co., Grimsby, Ont.
 Equator Mfg. Co., Ltd., Hamilton.
 National Electric Heating Co., Ltd., Toronto.
 Renfrew Electric Products, Ltd., Grimsby, Ont.

TOPS, TABLE**Vitrified**

Sani-Products Co., Ltd., Toronto.
 Vitrolite Company, Toronto.

Monel Metal

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Brantford Oven & Rack Co., Ltd., Brantford, Ont.
 International Nickel Co., New York.
 Regal Kitchens, Ltd., Montreal.

Please refer to THE CANADIAN HOSPITAL when writing

TRAYS

British & Colonial Trading Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Co., Toronto.
 Metal Craft Co., Ltd., Grimsby, Ont.
 Wrought Iron Range Co., Ltd., Toronto.
 Cassidy's, Ltd., Montreal and Toronto.
 Malcolm & Souter Furniture Co., Ltd., Hamilton.
 Otterville Mfg. Co., Ltd., Otterville, Ont.

URNS

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Booth-Coulter Copper & Brass Co., Ltd., Toronto.
 Cassidy's, Ltd., Montreal and Toronto.
 Gurney Foundry Co., Ltd., Toronto.
 Regal Kitchens, Ltd., Montreal.

UTENSILS, BAKING AND COOKING

Aluminum Co. of Canada, Ltd., Toronto.
 Pendrith Machinery Co., Ltd., Toronto.
 Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Brantford Oven & Rack Co., Ltd., Brantford, Ont.
 Cassidy's, Ltd., Montreal and Toronto.
 Regal Kitchens, Ltd., Montreal.

VACUUM BOTTLES

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Cassidy's, Ltd., Montreal and Toronto.
 Thermos Bottle Co., Ltd., Toronto.

WARMERS**Dish and Food**

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.

Brantford Oven & Rack Co., Ltd., Brantford, Ont.
 Gurney Foundry Co., Ltd., Toronto.
 General Steel Wares, Ltd., London, Ont.
 Regal Kitchens, Ltd., Montreal.

WATER COOLERS

Geo. R. Prowse Range Co., Ltd., Montreal.
 Geo. Sparrow & Company, Toronto.
 Wrought Iron Range Co., Ltd., Toronto.
 Thos. Davidson Mfg. Co., Ltd., Montreal.
 Perfection Cooler Co., Ltd., Toronto.
 Sheet Metal Products Co. of Canada, Ltd., Toronto.
 G. H. Wood & Company, Toronto.

Have you made your
 Plans for
NATIONAL
HOSPITAL DAY
 ?



New East Wing and one of the older buildings of Provincial Royal Jubilee Hospital, Victoria, B.C.

SECTION F

FOODS AND BEVERAGES

APPLES, CANNED

Canadian Cannery, Ltd., Hamilton.
Harvest Co., Ltd., Hamilton.
Libby, McNeill & Libby of Canada, Ltd., Chatham, Ont.
Okanagan Packers, Ltd., Kelowna, B.C.
Vineland Cannery, Ltd., Vineland Station, Ont.

APRICOTS, CANNED

Canadian Cannery, Ltd., Hamilton.
Libby, McNeill & Libby of Canada, Ltd., Chatham, Ont.

BAKING POWDER

E. W. Gillett Co., Ltd., Toronto.
Coleman Baking Powder, Ltd., Brockville, Ont.
Dalton Bros., Ltd., Toronto.
Egg-O Baking Powder Co., Ltd., Hamilton.
MacLarens, Ltd., Hamilton.
Mayer Co., Ltd., Winnipeg.
Ocean Mills, Ltd., Montreal.
Pure Gold Mfg. Co., Ltd., Toronto.
White Swan Spices & Cereals, Ltd., Toronto.

BEEF EXTRACTS

Bovril, Ltd., Montreal.
Joseph Picard, Montreal.

BISCUITS

Harry Horne Co., Ltd., Toronto.
Canada Biscuit Co., Ltd., Toronto.
Canada Bread Co., Ltd., Toronto.
David & Frere, Montreal.
Moirs, Ltd., Halifax.
National Biscuit Co. (Canada), Ltd., Toronto.
Geo. Weston, Ltd., Toronto.

BRAN

Kellogg Co. of Canada, Ltd., London, Ont.
Canadian Postum Cereal Co., Ltd., Toronto.
Good Health Food Co., Ltd., London, Ont.

BREAKFAST FOODS

Kellogg Co. of Canada, Ltd., London, Ont.
Canadian Postum Cereal Co., Ltd., Toronto.
Canadian Shredded Wheat Co., Ltd., Niagara Falls, Ont.
Good Health Food Co., Ltd., London, Ont.
Quaker Oats Company, Peterborough, Ont.
Robin Hood Mills, Ltd., Calgary.
Roman Meal Co., Ltd., Toronto.
White Swan Spices & Cereals, Ltd., Toronto.

BUTTER

Bowes Co., Ltd., Toronto.
British Mfrs. Corp'n, Ltd., Vancouver.
Brookfield Creamery Co., Ltd., Brookfield, N.S.
City Dairy Co., Ltd., Toronto.
Wm. Davies Co., Ltd., Toronto.
Harris Abattoir Co., Ltd., Toronto.
Montreal Dairy Co., Ltd., Montreal.
Swift Canadian Co., Ltd., Toronto.
Whyte Packing Co., Ltd., Stratford, Ont.

CEREALS

See Firms Listed under Breakfast Foods.

CHOCOLATE

Walter Baker & Co., Ltd., Montreal.
Cowan Co., Ltd., Toronto.
J. S. Fry & Sons (Canada), Ltd., Montreal.

Walter M. Lowney Co. of Canada, Ltd., Montreal.
Todhunter, Mitchell & Co., Toronto.

COCOA

See Firms Listed under Chocolate.

COCOANUT

Canadian Coconut Co., Montreal.
Leopold Schepp Co., Toronto.
Pilliner Products, Ltd., Waterloo, Ont.
Wilson Chemical Co., Ltd., St. John, N.B.

COFFEE

W. G. Patrick & Co., Ltd., Toronto.
Wm. Braid & Co., Ltd., Vancouver.
Campbell Bros. & Wilson, Ltd., Winnipeg.
Canada Spice & Specialty Mills, Ltd., St. John, N.B.
Chase & Sanborn, Montreal.
Dalton Bros., Ltd., Toronto.
Eby-Blain, Ltd., Toronto.
Gorman Eckhart & Co., Ltd., London, Ont.
R. B. Hayhoe & Co., Toronto.
MacLarens, Ltd., Hamilton.
Pure Gold Mfg. Co., Ltd., Toronto.
White Swan Spices & Cereals, Ltd., Toronto.

CONDIMENTS

See Firms Listed under Coffee.

CORN SYRUPS

Canada Starch Co., Ltd., Montreal.
Dalton Bros., Ltd., Toronto.
St. Lawrence Starch Co., Ltd., Port Credit, Ont.

DESSERTS

Harry Horne Co., Ltd., Toronto.
W. G. Patrick & Co., Ltd., Toronto.

LA PERLE**PURE FRENCH OLIVE OIL**

Analysed and pronounced "a perfect specimen of Olive Oil."

Write, wire or phone at the expense of

W. G. PATRICK & CO., LTD.

51-53 Wellington St. W. - - - Toronto
HALIFAX MONTREAL WINNIPEG CALGARY VANCOUVER

**WE PACK SPECIALLY
FOR INSTITUTIONS**

Double Cream Custard Powder, Jelly Powder,
Alinit Chocolate Dessert, Flavoring Extracts,
Pudding Powders, Beverage Syrups.

Samples and prices on request.

HARRY HORNE CO., LIMITED

1297-1303 Queen St. West Toronto, Can.

Please refer to THE CANADIAN HOSPITAL when writing

Eby-Blain, Ltd., Toronto.
 Gorman Eckhart & Co., Ltd., London, Ont.
 R. B. Hayhoe & Co., Toronto.
 Imperial Extract Co., Ltd., Toronto.
 Jell-O Co. of Canada, Ltd., Bridgeburg, Ont.
 J. M. Lowes Co. of Toronto, Ltd., Toronto.
 MacLarens, Ltd., Hamilton.
 Pure Gold Mfg. Co., Ltd., Toronto.
 White Swan Spices & Cereals, Ltd., Toronto.

DIABETIC FLOUR

Jireh Food Co., Brockville, Ont.
 MacDowell Brothers, Brockville, Ont.
 White Swan Spices & Cereals, Ltd., Toronto.

FLAVOURING EXTRACTS

See Firms Listed under Desserts.

FLOUR

Barley

F. L. Green, Greenwood, Ont.
 Vancouver Milling & Grain Co., Ltd., Vancouver.

Diabetic—See under Diabetic Flour.

Gluten

Jireh Food Co., Brockville, Ont.
 MacDowell Brothers, Brockville, Ont.
 Milquo, Ltd., Hamilton.

Graham

Dresden Flour Mills, Ltd., Dresden, Ont.
 F. I. Green, Greenwood, Ont.
 Ottawa Valley Flour Mills, Ltd., Renfrew, Ont.
 White Swan Spices & Cereals, Ltd., Toronto.
 Winkler Milling Co., Winkler, Man.

Wheat

Maple Leaf Milling Co., Ltd., Toronto.
 Ogilvie Flour Mills Co., Ltd., Montreal.
 Robin Hood Mills, Ltd., Calgary.
 St. Lawrence Flour Mills Co., Ltd., Montreal.
 Western Canada Flour Mills Co., Ltd., Toronto.

Whole Wheat

Western Canada Flour Mills Co., Ltd., Toronto.
 White Swan Spices & Cereals, Ltd., Toronto.
 Winkler Milling Co., Winkler, Man.

FRUITS, CANNED

Acadia Cannery, Ltd., Kingston Station, N.S.
 British Columbia Fruit Growers' Co., Ltd., Mission City, B.C.
 Canadian Cannery, Ltd., Hamilton.
 Harvest Co., Ltd., Hamilton.
 A. & R. Loggie Co., Ltd., Loggieville, N.S.
 Okanagan Packers, Ltd., Kelowna, B.C.
 Old City Mfg. Co., Ltd., Quebec, Que.
 Vineland Cannery, Ltd., Vineland Station, Ont.
 Waddell's, Ltd., Brantford, Ont.

GINGER ALE

Also Ginger Beer, etc.

Blue Label Bottling Co., Ltd., Calgary.
 Blue Ribbon Beverage Co., St. John, N.B.
 Caledonia Springs Co., Ltd., Montreal.
 Coca-Cola Co. of Canada, Ltd., Toronto.
 Douglas & King, Ltd., Edmonton, Alta.
 Chas. E. Hires, Toronto.
 J. J. McLaughlin, Ltd., Toronto.
 O'Keefe's Beverages, Ltd., Toronto.
 Orange Crush, Ltd., Toronto.
 Whistle Bottling Co. of Toronto, Ltd., Toronto.

GRAPE JUICE

Marsh Grape Juice Co., Niagara Falls, Ont.
 E. D. Smith & Sons, Ltd., Winona, Ont.
 Welch Co., Ltd., St. Catharines, Ont.

GROCERIES

Harry Horne Co., Ltd., Toronto.
 W. G. Patrick & Co., Ltd., Toronto.
 Eby-Blain, Ltd., Toronto.
 Gorman, Eckhart & Co., Ltd., London, Ont.
 MacLarens, Ltd., Hamilton.

HONEY

Ontario Honey Producers' Co-operative, Ltd., Toronto.

INFANT FOODS

Canada Starch Co., Ltd., Montreal.
 Allen & Hanburys Co., Ltd., Toronto.
 Canadian Milk Products Co., Ltd., Toronto.
 Mead, Johnson & Co., Ltd., Belleville, Ont.
 Dr. Middleton's Food Products Co., Ltd., Vancouver.
 Milk Foods, Ltd., Gananoque, Ont.
 Nestle Food Co. of Canada, Ltd., Montreal.

JAMS AND JELLIES

Harry Horne Co., Ltd., Toronto.
 Bowes Co., Ltd., Toronto.
 Canadian Cannery, Ltd., Hamilton.
 Dominion Preserving Co., Ltd., Montreal.
 Glasco, Ltd., Oakville, Ont.
 Harvest Co., Ltd., Hamilton.
 Lindners, Ltd., Brampton, Ont.
 National Cannery, Ltd., Vancouver.
 Old City Mfg. Co., Ltd., Quebec.
 E. D. Smith & Sons, Ltd., Winona, Ont.
 St. Williams Preserves, Ltd., Simcoe, Ont.
 Wagstaffe, Ltd., Hamilton.
 J. H. Wethey, Ltd., St. Catharines, Ont.

MILK, CONDENSED

Borden Co., Ltd., Montreal.
 Canadian Milk Products, Ltd., Toronto.
 Carnation Milk Products Co., Ltd., Aylmer, Ont.
 Dominion Milk Corp'n, Ltd., Toronto.
 Nestle Food Co. of Canada, Ltd., Montreal.

OILS

Cooking and Salad

Canada Starch Co., Ltd., Montreal.
 Holsum Products, Ltd., Victoria, B.C.

OLIVE OIL

W. G. Patrick & Co., Ltd., Toronto.
 Gorman Eckhart & Co., Ltd., London, Ont.
 H. J. Heinz Co., Toronto.

ORANGES

California Fruit Growers' Exchange, Toronto.

PICKLES

Wm. Davies Co., Ltd., Toronto.
 Grimsby Pickle Co., Ltd., Grimsby, Ont.
 H. J. Heintz Co., Toronto.
 Libby, McNeill & Libby of Canada, Ltd., Chatham, Ont.
 White Star Mfg. Co., Ltd., Winnipeg.

SOUPS

Canadian Cannery, Ltd., Hamilton.
 W. Clark, Montreal.
 H. J. Heintz Co., Toronto.

SYRUPS

Corn

Canada Starch Co., Ltd., Montreal.

Maple

Beaver Maple Products, Ltd., Whitby, Ont.
 Bowes Co., Ltd., Toronto.
 Canadian Maple Products, Ltd., Toronto.
 L. L. Jenne Maple Syrup & Sugar Co., Ltd., Sutton, Que.
 Maple Tree Products Association, Ltd., Montreal.
 Quebec Preserving, Ltd., Quebec.

TEA

Chase & Sanborn, Ltd., Quebec.
 Dalton Brothers, Ltd., Toronto.
 T. H. Estabrooks Co., Ltd., St. John, N.B.
 R. B. Hayhoe & Co., Toronto.
 Salada Tea Co. of Canada, Ltd., Toronto.

VICHY WATER

Herdt & Charton, Inc., Montreal.

WATERS, MINERAL

Herdt & Charton, Inc., Montreal.
 Caledonia Springs Co., Ltd., Montreal.
 Crystal Spring Water Supply, Victoria, B.C.
 J. J. McLaughlin, Ltd., Toronto.
 Chas. Wilson, Ltd., Toronto.

YEAST

E. W. Gillett Co., Ltd., Toronto.

Please refer to THE CANADIAN HOSPITAL when writing

Classified Department

Positions Open

(a) ANESTHETIST, Oregon 50-bed hospital with training school; \$125 and full maintenance. (b) General Duty, \$100 and maintenance; must be eligible Michigan registration. (c) Instructress wanted for September; \$120 and maintenance; New England; must be protestant; experienced. (d) Superintendent of Nurses, northern tuberculosis sanitarium; \$125 and maintenance; good executive, experienced, healthy, between 35 and 50. (e) New York City hospital needs three Charge Nurses for Charge Duty; \$100. (f) Dietitian, Indiana mental institution; \$125. No. 2225, Aznoe's Central Registry for Nurses, 30 North Michigan Avenue, Chicago, Illinois.

Diplomas

DIPLOMAS—ONE OR A THOUSAND—Illustrated circular B mailed on request. Ames & Rollinson, 206 Broadway, New York, N.Y.

Blankets

BLANKETS FOR HOSPITALS—"If it's blankets, buy the Skelton Brand." We specialize in hospital blankets and sell direct from the mills. Get better quality blankets at lower prices. Hundreds of prominent hospitals are our customers. Write for miniature samples and prices. Skelton Woollen Mills Company, 47 King St. West, Toronto.

Neuro-Psychiatric Association to Hold Meeting

The next meeting of the Ontario Neuro-Psychiatric Association will be held at the Ontario Hospital, Orillia, on Friday, June 14th. Papers will be read at the afternoon session and arrangements are being made for a dinner speaker.

The Various Activities Occupying the Field of Public Health Work

Continued from Page 41

employees. The introduction of industrial hygiene in this country has been the means of materially cutting down loss of time through illness and injury. It has also been the means of increasing and promoting efficiency. Both of these results have contributed materially to the industrial welfare of the community.

We talked for a few moments about Vital Statistics and I interested him by explaining that through statistical records we were able to evaluate the effort and expenditure made in public health work. We briefly discussed maternal mortality and in this connection he agreed with me that the local hospital might make a very valuable contribution to public health and community welfare through its activities (prenatal, natal and post-natal) in maternity cases.

I must not keep you longer. In closing let me sum up by saying that the ultimate objective of public health work is an intelligent well-informed public co-operating with a well-equipped and efficiently staffed health department, for the promotion of personal and community health and public welfare.

I thank you for your attention.

Please refer to THE CANADIAN HOSPITAL when writing

The Advertisements

Acme-International X-Ray Co.	35
Aluminum Co. of Canada, Ltd.	15
Ames & Rollinson	68
Associated Chemical Co. of Canada, Ltd.	16
Ayers, Limited	54
Aznoe's Central Registry for Nurses	68
British & Colonial Trading Co., Ltd.	63
Buck-X-Ograph Co.	9-10
Beaver Laundry Machinery Co., Ltd.	61
The Burke Electric & X-Ray Co., Ltd.	44
Canadian Feather & Mattress Co., Ltd.	14
Canadian Industrial Alcohol Co., Ltd.	16
Canadian Laboratory Supplies, Limited	57-60
Canadian Laundry Machinery Co., Ltd.	16
J. & J. Cash, Inc.	60
Castle, Wilnot Co.	22
Central Scientific Co. of Canada, Ltd.	15
Cheney Chemicals, Ltd.	25
Classified Advertisements	68
Corbett-Cowley, Ltd.	17-20
Darling Bros., Limited	14
Davis & Geck, Inc.	Front Cover, 37-40
Denoyer-Gepper Co.	60
Deshell Laboratories of Can., Ltd.	Second Cover
Dustbane Products, Ltd.	48
A. W. Diack	60
Eaton, T., Co., Ltd.	31
M. B. Evans X-Ray Co.	34
Fess Oil Burners of Can., Ltd.	6
Finnell System, Inc.	48
E. W. Gillett Co., Ltd.	51
J. F. Hartz Co., Limited	59
Herd & Charton, Inc.	4
Horne, Harry Co., Ltd.	66
Keever Starch Co.	62
Kellogg Co. of Canada, Ltd.	3
Kern, Mary Frances Organization	43
Kny-Scheerer Corporation	8
Lewis Manufacturing Co., of Canada, Ltd.	Fourth Cover
Lysol (Canada), Limited	5
Merck & Co., Inc.	4
Metal Craft Co., Limited	59
Office Specialty Manufacturing Co., Limited	49
B. H. Montgomery Hose Reel Co.	42
Mathews Conveyor Co., Ltd.	7
Meyer Bros. Laundry Machinery Co.	11
Northern Electric Co., Ltd.	21
W. G. Patrick & Co., Ltd.	66
Geo. R. Prowse Range Co.	63
Robert Simpson Co., Ltd.	Third Cover
Seiberling Rubber Co. of Canada, Ltd.	53
Skelton Woollen Mills Co.	68
Smith & Nephew, Limited	45
Sterling Rubber Co., Limited	59
Toledo Technical Appliance Co.	12
Victor X-Ray Corporation	33
Ward, Wells & Dreshman	13
J. L. Wilson & Sons	47

For all Hospital Necessities Consult
SIMPSON'S HOSPITAL DIVISION

The Hospital Division of Simpson's Special Contract Department is equipped to offer comprehensive service in Layout, Furnishing and Technical Equipment of Hospitals.

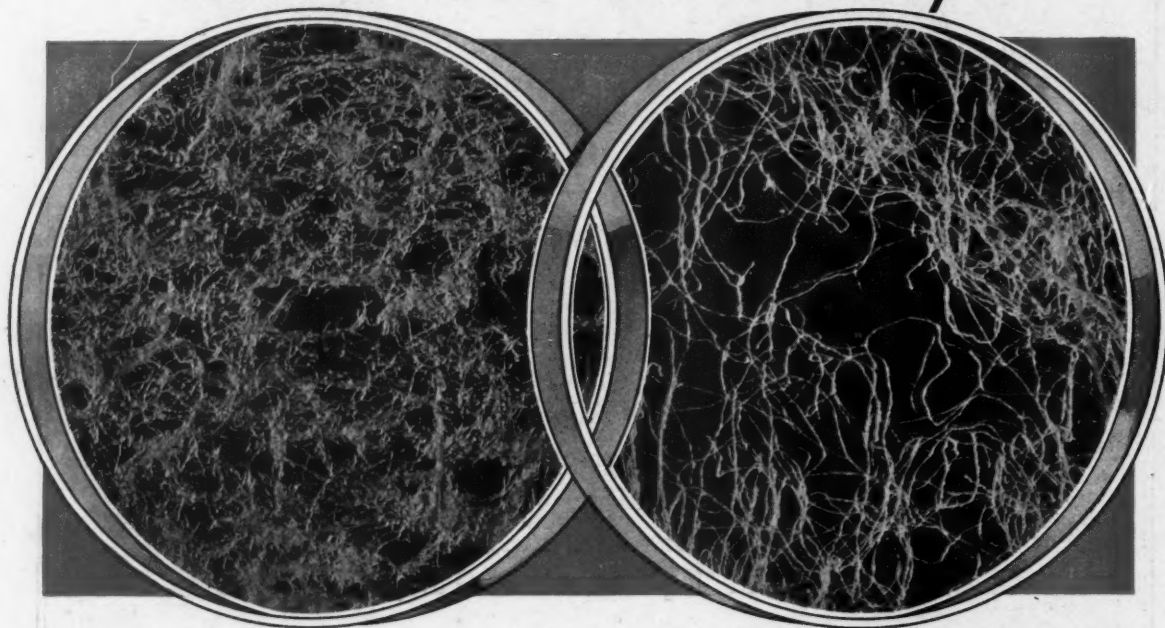
Uniforms, Capes, etc., are made to measure in our own factory.

Our representative will visit your Hospital, wherever located, upon your request.

THE
ROBERT **SIMPSON** COMPANY
LIMITED
TORONTO CANADA

Please refer to THE CANADIAN HOSPITAL when writing

*How the facts show up
under the microscope*



These photographs were taken at a magnification of twenty diameters, by WILBUR F. TURNER, micro-photographic expert for the Massachusetts Department of Justice

CELLUCOTTON ABSORBENT WADDING

Coverage: Excellent

Fibres: Ribbon-like

Construction: Close and Matted

Solid Masses: Frequent

AN ORDINARY ABSORBENT

Coverage: Poor

Fibres: Wiry

Construction: Loose and Scattered

Solid Masses: None

The Quick Complete Absorbent

CELLUCOTTON Absorbent Wadding does not even look like other absorbents, even to the naked eye.

Divide a roll of it anywhere with your fingers and you find that it is made up of a great number of very thin, close-fibred layers of absorbent tissue which can be very easily stripped apart into dressings of any wanted thickness.

The micro-photograph above shows the construction and fibre content of a typical section of Cellucotton Absorbent Wadding . . . Notice the close interlacing of the individual strands, the frequent occurrence of matted matter in this construction.



These are the factors which give Cellucotton its great speed and thoroughness as an absorbent and make it the logical dressing for all heavy drainage cases.

Cellucotton is the trade-marked name of this original cellulose product. Look for it, imprinted in the wrapper of each package.

Write today for a two-pound sample, which we shall be glad to send without charge or obligation.

**LEWIS MANUFACTURING
COMPANY
OF CANADA, LTD.**

13, Victoria Square Montreal, Quebec

Cellucotton
TRADE MARK
ABSORBENT WADDING

